

BEESTON AND STAPLEFORD  
URBAN DISTRICT COUNCIL



---

# ANNUAL REPORT

OF THE

Medical Officer of Health

AND THE

Chief Public Health Inspector

---

FOR THE YEAR

1970

# INDEX

	<i>Page</i>
Accidents—Morbidity and Mortality .. .. .	12, 13, 14
Ambulance Facilities .. .. .	15, 16
Animal Boarding Establishments Act, 1963 .. .. .	47
Bacteriological Examinations .. .. .	27
Births, Stillbirths and Birth Rate .. .. .	7, 8, 9, 10
B.C.G. Vaccination .. .. .	32
Clean Air Act .. .. .	34, 35, 36, 37, 38, 39, 40, 41, I.B.C.
Clinics—Particulars of .. .. .	16, 17, 18, 19, 20
Day Nursery .. .. .	18
Death Rate .. .. .	8, 9
Death—Selected Causes .. .. .	11, 12, 13, 14
Diphtheria Immunisation .. .. .	29
Dysentery .. .. .	25
Exfoliative Cytology Clinic .. .. .	18
Factories Act .. .. .	46
Food—Inspection and Supervision of 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64	
Food Poisoning .. .. .	25
Food—Unsound .. .. .	62, 63, 64
Food and Drugs Act .. .. .	55, 56, 57, 58
Gelatin Sampling .. .. .	54
Geriatric Clinic .. .. .	18, 19
Health Education .. .. .	21, 22
Home Help Service .. .. .	18
Housing .. .. .	50, 51, 52
Ice Cream .. .. .	61
Immunisation Clinics .. .. .	17
Infant Mortality .. .. .	7, 8, 9, 10
Infectious Diseases—Prevalence and Control over .. .. .	23, 24, 25, 26
Infectious Diseases—Notifications, Deaths from .. .. .	24
Infectious Diseases—Cases Admitted to Hospital .. .. .	23, 24
Laboratory Facilities .. .. .	20, 21
Liquid Egg (Pasteurisation) Regulations, 1963 .. .. .	53
Marie Curie Memorial Foundation .. .. .	20
Maternal Mortality .. .. .	8
Meat Inspection .. .. .	62, 63
Members of the Council .. .. .	2
Milk Supply and Milk Sampling .. .. .	53, 61
National Assistance Act, 1948 .. .. .	32
Nursing in the Home .. .. .	20
Offices, Shops and Railway Premises Act, 1963 .. .. .	48
Outwork .. .. .	46
Pet Animals Act, 1951 .. .. .	47
Petroleum .. .. .	47
Plantar Warts .. .. .	6
Premature Infants—Care of .. .. .	19
Poliomyelitis Vaccination .. .. .	30
Poultry Inspection .. .. .	54
Public Cleansing .. .. .	42, 43, 44, 45
Rag Flock and Other Filling Materials Act, 1951 .. .. .	47
Rats and Mice—Destruction of .. .. .	47
Salvage .. .. .	42, 43, 44, 45
Sanitary Administration—Summary of Inspections .. .. .	49
Sanitary Circumstances .. .. .	34, 35
Scabies and Pediculosis .. .. .	21
Sewage Disposal .. .. .	6
Slum Clearance .. .. .	50, 51
Smallpox .. .. .	26, 29
Staff .. .. .	3
Statistics—General and Vital .. .. .	7, 8, 9
Statistics—Vital compared with England and Wales .. .. .	9
Stillbirths .. .. .	10
Swimming Bath Water Sampling .. .. .	47
Tuberculosis—Cases and Mortality .. .. .	9, 26, 27
Vaccination and Immunisation .. .. .	28, 29, 30, 31, 32
Water Supply .. .. .	42

BEESTON AND STAPLEFORD  
URBAN DISTRICT COUNCIL

---

# ANNUAL REPORT

OF THE

Medical Officer of Health

AND THE

Chief Public Health Inspector

---

FOR THE YEAR

1970

# BEESTON AND STAPLEFORD URBAN DISTRICT COUNCIL

---

## MEMBERS OF COUNCIL, 1970

### *Chairman :*

J. SUTTON, 178 Cator Lane, Chilwell.

### *Vice-Chairman :*

G. E. MEE, 4 Rockford Court, Stapleford

S. BENTON, 2 Ranmore Close, Bramcote  
MISS G. E. BOTTOMLEY, T.D., 20 Long Lane, Attenborough  
H. CLIFFORD, 26 Devonshire Avenue, Beeston  
J. C. FLETTON, 3 Glebe Street, Beeston  
C. E. GENT, 17 Waverley Avenue, Beeston  
E. R. HUDSON, C.C., 12 College Road, Chilwell  
R. HULLAND, 88 Brookhill Street, Stapleford  
MRS. E. W. KEEN, 81 Dovecote Lane, Beeston  
J. R. OLDERSHAW, 35 Ilkeston Road, Bramcote  
A. OLDHAM, 206 High Road, Chilwell  
J. L. PARSONS, Red Ridges, Church Lane, Attenborough  
G. H. PEEL, 14 Hampden Grove, Beeston  
J. W. PLOWMAN, 125 Brookhill Street, Stapleford  
G. STANLEY, 5 Waverley Avenue, Beeston  
J. B. STREETER, 83 Hickings Lane, Stapleford  
J. R. WOOD, 1, Shelford Close, Chilwell  
F. J. WOODWARD, C.C., 104 Brookhill Street, Stapleford  
M. G. WRIGHT, C.C., 2 Redland Drive, Chilwell

## PUBLIC HEALTH STAFF

*Medical Officer of Health :*

E. BEBBINGTON, M.B., CH.B., D.P.H.

*Deputy Medical Officer of Health :*

M. M. REGAN, M.B., CH.B., B.A.O.

*Chief Public Health Inspector :*

(a) (b) (c) (d) W. R. BROWNHILL

*Deputy Chief Public Health Inspector :*

(a) (b) D. T. JONES

*Additional Public Health Inspectors :*

(a) (b) D. J. SMITH

(a) (b) (g) J. E. BOURNE

(a) H. H. LITTLEWOOD

(a) W. A. J. RICHARDSON

(f) (g) B. W. LOWE

*Chief Clerk :*

J. K. BIRKETT

*Clerk/Shorthand-Typist :*

S. BELL

*Junior Clerk/Typist :*

A. RUSHTON, from 12.1.70

*Pupil Assistants :*

B. JAMES

R. D. SMITH

- 
- (a) Public Health Inspector's Certificate, Joint Examination Board.
  - (b) Meat Inspector's Certificate of the Royal Society of Health.
  - (c) Smoke Inspector's Certificate of the Royal Society of Health.
  - (d) Sanitary Science (Buildings and Public Works) Certificate of the Royal Society of Health.
  - (f) Public Health Inspector's Diploma.
  - (g) Diploma in Air Pollution Control.

Public Health Department,  
"The Willows",  
Dovecote Lane,  
Beeston,  
Nottingham,  
NG9 1HP  
Telephone: 254891.

TO THE CHAIRMAN AND MEMBERS OF THE BEESTON AND STAPLEFORD  
URBAN DISTRICT COUNCIL.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to report to you on the health of the district for the year 1970.

During the year 657 cases of Infectious Diseases were notified and confirmed. Of these 582 or 88.5% were Measles, 2.5% were Scarlet Fever, 2.5% were Dysentery, 1.98% were Infective Jaundice and Food Poisoning and Whooping Cough were 1.67% respectively.

At the beginning of March, a small outbreak of illness was reported amongst the three lower classes in the Beeston Manor Junior School, Beeston, the manifestations of which were headache, sore throat, nausea and abdominal pains. Several cases were visited in their homes and throat swabs taken. Most of the patients had been treated by a varied assortment of antibiotics. However, in one family, a para-influenza virus type 3 was isolated. The epidemic continued until the Easter vacation but did not spread to the older age groups in the school and by mid April attendances were back to normal.

During April and May an epidemic occurred at the College House Junior Mixed School, Chilwell. Of the school population of 614 pupils within an age range of 7 to 11 years and 20 members of staff, 165 children and 7 members of staff were affected.

The infection was characterised by sudden onset of headache, dizziness and malaise. Many children became ill in class and had to be taken home. In some there was elevation of temperature, cough, listlessness, anorexia and aching limbs. The average duration of illness was four days but there were variations in the intensity of symptoms and duration and in some cases the children were absent from school for two weeks suffering in the second week mainly from listlessness and anorexia.

10 reported cases were visited in their homes at the beginning of their illness. Nose and throat swabs were taken to be immersed immediately in medium and transported to the Public Health Laboratory for virological examination. Faecal specimen jars were left and collected. In five specimens a hæmo-absorbing cytopathic agent was isolated and in one case, a boy of 8 years, it was reported to be a Cocksackie Virus Type B4. This child, having been well but lethargic previously, became ill at school on a Monday morning, feeling weak and tired. He was pale and complained of aching limbs and visual upset. His temperature was 102°. He fell asleep when put to bed. There was an upper respiratory tract involvement and cough developed. He was given antibiotics but on the second week still complained of cough, listlessness and anorexia. Chest XRay and a Hæf Test were negative and in 14 days he was completely well.

One boy of eight years was admitted to hospital complaining of violent headaches, pains in the back of the neck and vomiting. His temperature was 105·6° and the provisional diagnosis of meningitis was eventually changed to virus infection and he was discharged at the end of a week. After 3 days he developed a cough and continued to complain of weakness and anorexia for a further 10 days. In this case a cytopathic agent was isolated but further identification was made impossible by the death of the culture tissue.

Prior to this, the most recent Cocksackie epidemic, was a small outbreak of Hand, Foot and Mouth Disease in the Bramcote Ward limited to a few families living in close proximity and occurring in the last quarter of 1969.

The reports received from the local schools concerning non-notifiable communicable diseases occurring amongst pupils is summarised as follows:

### **German Measles**

67 cases were reported during the year, mainly in the junior schools during May and June. (College House—14 cases, Sunnyside—8 cases, Frederick Harrison—13 cases) but there were also 12 cases reported from the Grammar School and 8 from the Arthur Mee Secondary Girls' School.

### **Chicken Pox**

There were 24 cases reported, mainly in the period October to November and affecting Beeston Fields County Junior School.

### **Mumps**

There were only eleven cases reported during the year.



### **Scabies**

Only four cases were reported from the schools during the year but several others were diagnosed at the School Minor Ailments Clinic.

### **Pediculosis**

30 cases were reported in 1970, 26 in the Stapleford area representing 5 single cases and 6 family outbreaks.

There were 4 cases from 2 families in the Beeston area.

### **Plantar Warts**

132 new cases of verruca in school children were seen during the year at the County Health Clinic and 994 treatments given. The monthly average of 83 is slightly in excess of the previous year but considerably lower than 1967 and 1968.

### **Poisoning**

A matter of grave concern to the department were the number of cases of poisoning in young children. There were 23 children aged between 6 weeks and 9 years, 14 of these being in the toddler age group.

In 8 cases, aspirin was the tablet taken, while 5 were due to Iron Tablets. Phenergan, phenobarbitone and Hyoscine were the drug in one case respectively. Of the six children taking liquids, rum, creosote, disinfectant, weed killer and motor oil were the cause, the sixth case being a young baby given surgical spirit instead of gripe water.

There was one case of Carbon Monoxide poisoning resulting from a faulty gas tap.

Fortunately all the children concerned made a good recovery. It, however, is necessary to emphasise the need to label bottles clearly as to their contents and to refrain from using lemonade bottles for noxious liquids. All tablets and poisonous fluids should be locked away from the reach of young children and there is a necessity for regular inspection of gas fittings.

### **Sewage Disposal Works**

Difficulties in the operation of the existing plant have continued during the year. The Council has approved a scheme for sludge processing to deal with the sludge from Beeston and Stapleford Works in a new plant at the Beeston Works and it is anticipated that this plant should be in operation by the end of 1972.

### **Immunisation**

As anticipated in last year's report, the percentages immunised have again risen to the 90% level in respect of Whooping Cough, Diphtheria and Poliomyelitis, a figure in excess of the County and national averages.



## SECTION "A"

## STATISTICS AND SOCIAL CONDITIONS

Area of District in Acres .. .. .	6,468
Population (Registrar General's estimate—mid 1970) ..	64,130
Number of Inhabited Houses (according to Rate books) ..	22,016
Rateable Value (all) .. .. .	£2,815,990
Sum represented by Penny Rate .. .. .	£11,600

## VITAL STATISTICS

The following are extracts from the Vital Statistics for the year relating to Net Births and Deaths after correction for inward and outward transfers.

		Males	Females	Total
Live Births	Legitimate ..	492	463	955
	Illegitimate ..	31	33	64
	Total ..	523	496	1019
Stillbirths	Legitimate ..	9	6	15
	Illegitimate ..	—	—	—
	Total ..	9	6	15
Births Live and Stillbirths ..		532	502	1034
Deaths (at all ages) .. ..		331	303	634
Deaths of Infants under 1 year	Legitimate ..	9	3	12
	Illegitimate ..	2	—	2
	Total ..	11	3	14
Deaths of Infants under 4 weeks of age	Legitimate ..	6	2	8
	Illegitimate ..	2	—	2
	Total ..	8	2	10
Deaths of Infants under 1 week of age	Legitimate ..	6	2	8
	Illegitimate ..	2	—	2
	Total ..	8	2	10

LIVE BIRTHS .. .. .	1019
LIVE BIRTH RATE per 1,000 of the estimated resident population	15.89
STILLBIRTHS .. .. .	15
STILLBIRTH RATE per 1,000 total (live and stillbirths) ..	14.50
TOTAL Live and Stillbirths .. .. .	1034
INFANT Deaths .. .. .	14
INFANT MORTALITY RATE per 1,000 live births total .. ..	13.74
"          "          "          legitimate .. ..	12.57
"          "          "          illegitimate .. ..	31.20
NEO-NATAL ,,          "          "          "          " .. ..	9.81
(i.e. in the first four weeks of life)	
EARLY NEO-NATAL MORTALITY RATE (deaths under 1 week per 1,000 total live births) .. .. .	9.81
PERINATAL MORTALITY RATE (Stillbirths and deaths under 1 week per 1,000 live and stillbirths) .. .. .	24.17
ILLEGITIMATE live births per cent of total live births .. ..	6.28
MATERNAL DEATHS (including abortion) .. .. .	Nil
MATERNAL MORTALITY RATE per 1,000 live and stillbirths ..	0.00

The following tables compare the Birth, Death, Infant Mortality and the Maternal Mortality Rates over the past five years.

	1966	1967	1968	1969	1970
BIRTH RATE per 1,000 of the population per annum ..	18.22	17.72	17.44	17.75	15.89
DEATH RATE per 1,000 of the population per annum ..	8.44	8.50	9.75	9.56	9.89
INFANT MORTALITY RATE— (deaths of infants under one year of age per 1,000 live births) .. .. .	19.87	12.72	12.75	15.94	13.74
INFANT MORTALITY RATE— Legitimate .. .. .	18.90	13.44	12.50	16.02	12.57
INFANT MORTALITY RATE— Illegitimate .. .. .	40.80	Nil	16.10	1.47	31.20
NEONATAL MORTALITY RATE— (during 1st four weeks of life per 1,000 live births) ..	11.74	7.27	5.46	12.40	9.81

### MATERNAL MORTALITY

Numbers of Deaths Registered		Rate per 1,000 Total Births (live and still)				
From Sepsis 1970	From Other Causes—1970	1966	1967	1968	1969	1970
Nil	Nil	Nil	Nil	Nil	Nil	Nil

### MORTALITY FROM TUBERCULOSIS

	Pulmonary	Non-Pulmonary	Total
Beeston & Stapleford U.D.C.	0.031	0.031	0.062
Urban Districts of Nottinghamshire	0.02	0.07	0.03
County of Nottinghamshire	0.02	0.01	0.03

The Birth Rate, 14.78 is lower than that for any year since 1957 while the Death Rate, 9.89 is higher than in any year since 1962.

Of the 634 deaths occurring in 1970, 434 representing 68.5% occurred in persons over 65 years of age while 39.9% occurred in people who had passed their 75th birthday.

The Infant Mortality Rate, 13.74 compared with 15.92 for last year is below the average for the previous 5 years of 14.95, while the Still Birth Rate, 14.5 is above that of last year, 12.25 but is lower than the average for the past 5 years of 15.97.

The Perinatal Mortality Rate, 24.17 is below the 5 year average of 24.8.

		Birth Rate	Death Rate	Infant Mortality Rate	Maternal Mortality Rate
Beeston and Stapleford	Corrected	14.78	12.36	13.74	0.000
	Crude	15.99	9.89		
England and Wales	.. ..	16.00	11.70	16.00	0.18
Urban Districts of Nottinghamshire	Corrected	16.20	12.58	15.90	0.000
	Crude	16.53	11.13		
County	Corrected	16.02	12.18	16.81	0.09
	Crude	16.52	10.59		

Comparability factors (a) Birth 0.93, (b) Deaths 1.25

### PRIMARY CAUSES OF DEATH CHILDREN UNDER ONE YEAR

1. Prematurity .. .. . 6
  - (a) two with Respiratory distress Syndrome
  - (b) one with Cerebral Anoxia (A.P.H.)
  - (c) one was a Mongol with Respiratory Failure

<b>2. Congenital Defects</b>	2
(a) one Mongol with Congenital Septal Defect—died of Congestive Heart Failure	
(b) one Spina Bifida and Hydrocephalus—died from E. Coli Meningitis	
<b>3. Birth Injury, Difficult Labour, etc.</b>	3
(a) one Congestive Heart Failure and Intracranial haemorrhage	
(b) one Bilateral Tension Pneumothorax, Intracranial Haemorrhage and Left Tentorial Tear	
(c) one Haemolytic disease of newborn	
<b>4. Other Causes</b>	3
(a) one Car Accident—multiple injuries	
(b) one Acute Tracheo Bronchitis	
(c) one Meningitis from B. Proteus	

---

Total .. 14

---

71% of deaths occurred in the Neo-natal Period and in the first week of life.

Of those children surviving the first month of life, two had Congenital Defects and one died of Acute Tracheo Bronchitis and one was killed in a car crash.

## STILLBIRTHS

Of the 15 stillbirths occurring in 1970, 14 were born in hospital.

The following table indicates the cause of death where known:

<i>Place of delivery</i>	<i>Sex</i>	<i>Maturity</i>	<i>Weight</i>	<i>Cause of death</i>
(a)				
1. Hospital	Male	Not Given	Not Given	Intra-uterine foetal death
2. Hospital	Female	36 weeks	3lb. 9oz.	Multiple Congenital Abnormalities, Breech, Prematurity
3. Hospital	Male	34 weeks	3lb. 2oz.	Congenital Abnormalities, Anencephaly
4. Hospital	Male	34 weeks	2lb. 10oz.	Placental Insufficiency—Maternal Essential Hypertension
5. Hospital	Male	37 weeks	Not given	Horseshoe Kidney, Placental Infarction and insufficiency
6. Hospital	Male	28 weeks	2lb. 8oz.	Prematurity—Accidental Haemorrhage
7. Hospital	Male	Term	6lb. 10oz.	Hydrocephalus, Spina Bifida
8. Hospital	Male	42 weeks	7lb. 1oz.	Foetal Asphyxia—Prolapsed Cord
9. Hospital	Female	37 weeks	4lb 14oz.	Anencephaly
10. Hospital	Female	36 weeks	4lb 8oz.	Severe P.E.T.—Placental Insufficiency
11. Hospital	Male	33 weeks	3lb. 2oz.	Gross Foetal Abnormality—Anencephaly
12. Hospital	Male	38 weeks	7lb. 11oz.	Placental Insufficiency
13. Hospital	Female	29 weeks	3lb. 10oz.	Rhesus Isoimmunisation
14. Hospital	Male	33 weeks	2lb. 0oz.	P.E.T.—Prematurity
(b)				
15. Home	Female	Not Given	Not Given	Hydrocephalus

## SELECTED CAUSES OF DEATH

	Male		Female	
Tuberculosis respiratory ..	2		—	
Other Tuberculosis ..	—		2	
Syphilitic Disease ..	—		—	
Malignant Neoplasm:				
Buccal Cavity ..	2	} 70	2	} 66
Oesophagus ..	—		1	
Stomach ..	8		8	
Intestine ..	7		12	
Larynx ..	1		—	
Lung, bronchus ..	30		4	
Breast ..	—		12	
Uterus ..	—		4	
Prostate ..	7		—	
Leukaemia ..	1		4	
Other malignant neoplasms	14		19	
Vascular lesions of nervous system	28	} Diseases of the cardio-vascular system 149	41	} Diseases of the cardio-vascular system 158
Ischaemic Heart Disease ..	82		61	
Hypertension with heart disease	5		5	
Other heart disease ..	16		30	
Other circulatory disease ..	12		15	
Chronic rheumatic heart disease	6		6	
Influenza ..	3		4	
Pneumonia ..	19		12	
Bronchitis with emphysema ..	31		7	
Other diseases of the respiratory system including asthma ..	5		6	
Ulcer of the stomach and duodenum ..	6		1	
Motor vehicle accidents ..	9		4	
All other accidents ..	4		7	
Suicide ..	3		4	
Other causes of death ..	30		32	
	<u>331</u>		<u>303</u>	

## Suicide

## Method Used:

- |   |   |
|---|---|
| (1) Carbon monoxide poisoning .. .. .                     | 3 |
| (2 males aged 40 and 42 years and 1 female aged 69 years) |   |
| (2) Hanging .. .. .                                       | 2 |
| (1 male aged 69 years and 1 female aged 65 years)         |   |
| (3) Drowning .. .. .                                      | 2 |
| (2 females aged 66 and 40 years)                          |   |



The following table shows the Age Distribution in Cancer and Coronary Thrombosis.

		-15	15-25	25-35	35-45	45-55	55-65	65-75	75+	Total
Cancer (in general)	Male	—	1	—	1	8	13	28	19	70
	Female	—	—	1	2	10	18	22	13	66
Cancer (of lung)	Male	—	—	—	—	6	6	11	7	30
	Female	—	—	—	—	—	—	3	1	4
Ischaemic Heart Disease	Male	—	—	—	6	6	26	28	16	82
	Female	—	—	—	1	1	7	19	33	61

### MORBIDITY AND MORTALITY DUE TO ACCIDENTS

On the roads of this district in 1970 there were 25 fewer accident casualties than reported in the previous year.

Of the 261 persons who were casualties, 6 were killed, 85 were severely injured and 170 received slight injuries. The following table classifies these accidents and compares them with previous years:

	1970	1969	1968	1967	1966
Total Accidents .. ..	261	286	295	347	313
Killed .. ..	6	4	10	10	5
Serious Injuries .. ..	85	85	80	95	111
Slight Injuries .. ..	170	197	205	242	197

An analysis of Casualties during 1970 :

Class of Persons	Killed	Serious Injuries	Slight Injuries
Pedestrians .. ..	3	20	41
Pedal Cyclists .. ..	—	9	24
Motor Cyclists .. ..	1	27	20
Pillion Passengers .. ..	—	3	5
Drivers .. ..	1	13	34
Passengers .. ..	1	13	46
Totals .. ..	6	85	170



## Classification of Casualties by age :

		Killed	Serious Injuries	Slight Injuries	Total
Under 15 years	..	1	20	43	64
15-60 years	..	3	58	119	180
60 years and over	..	2	7	8	17
Totals	..	6	85	170	261

## FATAL ACCIDENTS

The following accidents to residents of this district occurred either on the roads of the district or elsewhere:

SEX	AGE	CAUSE OF DEATH	PLACE OF ACCIDENT
1. Male	9 mths.	Multiple Injuries	} Skelbrooke on the Great North Road. (Head-on collision—other car crossed central reservation)
2. Male	27 years	Multiple Injuries	
3. Female	25 „	Cerebral Concussion	
(occurred in July 1969—Notification first received February, 1970)			
4. Male	21 „	Fracture of Ribs, Femur, Face and Wrist	} Car hit a Lamp Standard—Local
5. Male	24 „	Injuries sustained	
6. Male	28 „	Stove-in chest	
7. Male	56 „	Severe head injuries	Lorry ran off road at Gateshead
8. Male	56 „	Cardiac Arrest, Faecal Peritonitis, Rupture of Colon following crushing injury	Lorry/Pedestrian—Local
9. Male	8 „	Accidental severe head injuries	Local
10. Male	62 „	Injuries sustained	
11. Female	24 „	Brain Damage, Fractured Skull	Pedestrian/Car—Colchester
12. Female	16 „	B. Pneumonia following injuries sustained in a road accident	Elsewhere
13. Female	74 „	Injuries sustained in a road accident	Local

**Other Accidents**

	SEX	AGE	CAUSE OF DEATH
1.	Male	67 years	Drowning in Ercwash by misadventure
2.	Male	33 „	Injuries from an accident at work
3.	Male	6 „	Burns accidentally sustained when playing at home
4.	Male	22 „	Decapitation—found dead on Railway
5.	Female	87 „	Sub-dural Haemorrhage due to head injury—accidental fall at home
6.	Female	87 „	Broncho Pneumonia, Chronic Bronchitis and Emphysema—minor injuries including Colles' Fracture
7.	Female	88 „	Acute Heart Failure, Coronary Occlusion, Fracture Neck of Femur (Died 30th December, 1969—notified in 1970)
8.	Female	80 „	Broncho Pneumonia, Generalised Arteriosclerosis, Fracture Shaft of Femur
9.	Female	83 „	Broncho Pneumonia, Chronic Bronchitis and Emphysema Fracture Neck of Femur, Cancer of Breast
10.	Female	89 „	Acute Heart Failure, Mitral Stenosis, Senile Calcification, Fracture of Neck of Femur (pinned)
11.	Female	89 „	Broncho Pneumonia, Acute Cystitis, Diabetes Mellitus, Fracture Neck of Femur
12.	Female	93 „	Acute Congestive Heart Failure, Senile Osteoporosis, Fracture Neck of Left Femur

## SECTION "B"

GENERAL PROVISION OF HEALTH SERVICES FOR THE  
AREA

## (a) Provided by the County Council

Details of these services are provided for information by courtesy of the County Council.

**Ambulance Facilities.** The Nottinghamshire County Council have a comprehensive co-ordinated Ambulance Service covering the whole of the administrative County Area.

The ambulance requirements of the Beeston and Stapleford Urban District are in the main covered by the vehicles and personnel of the Beeston Ambulance Station. The vehicle establishment of this Depot is three ambulances, 1 large and 2 small dual-purpose vehicles and 1 reserve ambulance.

The following will compare the demand during 1968, 1969 and 1970:

	1970	1969	1968
<b>Patients carried:</b>			
Accident .. .. .	818	735	663
Emergency .. .. .	1249	1227	1146
Treatment .. .. .	24320	24065	23199
Other .. .. .	26	38	72
Total Mileage involved .. .. .	137454	134803	131335

Not all the patients resided in the area of the Beeston and Stapleford Urban District Council.

**Methods by which the Public may obtain an Ambulance :—**

In normal circumstances arrangements for the provision of an ambulance will be made by a doctor, dentist, nurse, midwife or other responsible person but, in the event of an emergency, i.e. accidents in the home or on the road, sudden illness in public places or places of employment, members of the public may use the emergency

telephone by dialling 999 or O according to the disc on the instrument. The caller should ask for "Ambulance" and when required should give the telephone number, as indicated on the instrument, together with his name and address. On connection with the Ambulance Service, the nature of the emergency and the address (or exact location in the case of an accident) to which an ambulance should be sent, should be clearly stated.

### Maternity and Child Welfare Centres

Ante-Natal and Post-Natal sessions are held at the Becston and Stapleford Centres as follows:

DOVECOTE LANE, BEESTON	On alternate Monday afternoons, 2 p.m. to 4.30 p.m. (by appointment).
	Every Monday afternoon, midwives attend for booking purposes from 2 p.m. to 3.30 p.m.
Pinfold Lane, Stapleford . .	On alternate Thursday afternoons, 2 p.m. to 4.30 p.m. (by appointment)
	Midwives attend on other Thursday afternoons for booking purposes

### CHILD WELFARE SESSIONS

#### Dovecote Lane, Beeston

Tuesdays 2 p.m. to 4.30 p.m.	} Medical Officer attends on alternate Fridays.
Fridays " "	

#### Pinfold Lane, Stapleford

Mondays 2 p.m. to 4.30 p.m.	} Medical Officer attends on Wednesdays each week, and on alternate Mondays.
Wednesdays " "	

#### Coronation Hall, Toton

Thursdays 2 p.m. to 4.30 p.m.	Medical Officer attends alternate weeks.
-------------------------------	--

#### Barn Croft, Inham Nook, Chilwell

Mondays 2 p.m. to 4.30 p.m.	} Medical Officer attends every Wednesday.
Wednesdays " "	

#### Memorial Hall, Bramcote

Fridays 2 p.m. to 4.30 p.m.— every alternate week	Medical Officer attends once every 4 weeks.
--	---

#### Lucy Brown Memorial Hall, Attenborough

Mondays 2 p.m. to 4.30 p.m.	Medical Officer in attendance on alternate weeks.
-----------------------------	---

Health Visitors are in attendance at each Ante-Natal and Child Welfare session.

## IMMUNISATION AND VACCINATION CLINICS

Immunisation and Vaccination Clinics are held monthly, one being held at the Beeston Centre on the first Tuesday morning of the month, at the Stapleford Centre on the first Friday afternoon of the month and also at the Barn Croft Clinic on the third Wednesday morning of the month. At these clinics, children are immunised and vaccinated against polio, smallpox, diphtheria, tetanus and pertussis combined and diphtheria and tetanus combined. Measles vaccinations at these clinics are carried out by special arrangement.

A clinic is held at the Coronation Hall once every four weeks where children are immunised and vaccinated against polio, diphtheria, tetanus and pertussis combined and diphtheria and tetanus combined. Smallpox and Measles sessions are held at the Beeston Centre by special arrangement and not at the Coronation Hall.

## SCHOOL CLINICS

Dovecote Lane, Beeston

Mondays 9.30 a.m. to 11.30 a.m.	} Medical Officer attends on both days.
Thursdays       ,,               ,,	

Pinfold Lane, Stapleford

Tuesdays 9.30 a.m. to 11.30 a.m.       Medical Officer attends.

## ARTIFICIAL SUNLIGHT CLINICS

Dovecote Lane, Beeston

Tuesdays 9.30 a.m. to 11 a.m.	.. From first Tuesday in October
Fridays       ,,               ,,	— to end of April

## DENTAL CLINICS

Dovecote Lane, Beeston

Daily 9.30 a.m. to 12 noon and 2 p.m. to 4.00 p.m.  
(by appointment).

Pinfold Lane, Stapleford

Daily 9.00 a.m. to 12 noon and 1.30 p.m. to 4 p.m.  
(by appointment).

## SPEECH THERAPY CLINICS

1. Tuesday all day, in Beeston.
2. Half a session weekly (by appointment), in Stapleford.

## RELAXATION CLINICS

Beeston—Thursday 9.30 a.m. to 11.30 a.m.

Stapleford       ,,               ,,	} By appointment
Chilwell       ,,               ,,	

## EYE CLINICS

Beeston—Tuesday mornings 9.30 a.m. to 11 a.m. (by appointment)  
 Stapleford—Thursday afternoons (every alternate) from 2 p.m. to  
 4.30 p.m. (by appointment).

## PHYSIOTHERAPY

Beeston—Wednesday mornings (by appointment).

## GERIATRIC CLINIC

Beeston—Thursday afternoons.

## EXFOLIATIVE CYTOLOGY CLINIC

Beeston—Wednesday evenings, 7 - 8 p.m.

## HOME HELP SERVICE

At the time of writing, 2 full-time and 68 part-time Home Helps are employed by the Nottinghamshire County Council in this district.

Home Helps are available for households where domestic help is required owing to the presence of any person who is ill, lying-in, an expectant mother, mentally defective, aged, or a child not over compulsory school age. The charge for their services is now 40p per hour, but the County Council's Scale of Assistance is applied in cases where the householder is unable to afford the standard charge.

A District Organiser and an Assistant District Organiser are employed in this district and have office accommodation at Dovecote Lane Clinic, Beeston. The telephone number is Nottingham 256603.

The following is a full report of the work done within the district during the year:

Over 65	..	..	..	..	..	453
Maternity Cases	..	..	..	..	..	28
Chronic Sick and T.B.	..	..	..	..	..	37
Mental	..	..	..	..	..	5
Others	..	..	..	..	..	34

Total hours of service given 60,303

## DAY NURSERY

There is one fifty-place non-residential Day Nursery within the district, this being at Beeston. There is a waiting list at the time of writing.



#### CARE OF PREMATURE INFANTS

The provision of draught-proof cots with hot-water bottles, blankets, etc., and an ambulance is made for all premature infants requiring transportation to hospital. They are accompanied by a Midwife or Health Visitor.

Similarly equipped cots are provided for such infants nursed at home.

The services of a Consultant Pædiatrician are available when required.

#### THE GERIATRIC CLINIC

The old persons Clinic has continued throughout the year when 46 clinical sessions were held. There were 56 attendances by males and 119 females, a total of 170. This represents an average of over 3 per session, which is higher than the attendance during 1969.

Nine persons were referred for audiogram examinations and most subsequently attended Mr. Neil's Clinic at the General Hospital and were prescribed hearing aids.

Two were referred to their General Practitioner for treatment of some disability.

#### CHIROPODY SERVICES

Chiropody Services for the elderly continued to be provided in the district throughout 1970 under the auspices of the Old People's Welfare Committees. Expenditure on treatments was reimbursed by the County Council together, where necessary, with a proportion of local administration costs. Treatment continued to be provided as necessary to any person of pensionable age on payment of a standard charge of 15p, but this charge was waived in cases where people received supplementary benefit.

The Honorary Chiropody Organiser attends the Old People's Welfare Centre on Styring Street, Beeston, each Thursday between 2.30 and 3.30 p.m. to make arrangements for any elderly people who wish to visit the Chiropodist. If a person is housebound, he arranges for the Chiropodist to visit the home.

The County Council are in process of developing a Chiropody Service mainly concerned with the inspection and treatment of school children on the school premises but also providing a service for those physically handicapped persons who are registered with the County Social Services Department.

## NURSING IN THE HOME—GENERAL

There are ten district Nurses operating in the district and all are directly appointed by the Nottinghamshire County Council.

### THE MARIE CURIE MEMORIAL FOUNDATION DAY AND NIGHT NURSING SERVICE

The object of this service is to assist in the care of cancer patients being nursed in their own homes.

A register of women with some nursing experience who are available for day and/or night duty has been compiled by the County Health Department. The service is free but a donation can be made to the funds of the Foundation if desired.

The service is administered through the County Health Department by the District Nursing Superintendent.

### **(b) Provided by other Bodies**

#### PHYSIOTHERAPY CLINIC

A Physiotherapy Clinic held in the Chilwell Memorial Hall is run by the British Red Cross Detachment and is held on Wednesday mornings and Saturday afternoons every month except August. Patients are treated upon receipt of a letter from their General Practitioner. A fully-qualified Physiotherapist is in attendance at each session.

#### NURSING IN THE HOME—INFECTIOUS DISEASES

All cases of Infectious Diseases which cannot effectively be isolated at home and nursed by members of the household are removed to Isolation Hospitals. No assistance is available from any other source for nursing infectious disease cases at home.

#### LABORATORY FACILITIES

Specimens from cases or suspected cases of Diphtheria, Tuberculosis, Enteric Fever, Cerebro-spinal Fever, Pneumonia, Dysentery,

Food Poisoning and complications of Pregnancy and the Puerperium are sent for examination at the Public Health Laboratory, City and Sherwood Hospitals, Hucknall Road, Nottingham. There is no charge for this service. A small stock of tubes, swabs, etc., for these purposes is kept at the Health Department, Beeston.

#### SCABIES AND PEDICULOSIS

The Scabies Clinic at Bramcote continues to function. On receipt of a request from the Local Medical Practitioners, Factory Medical Officers, School Medical Officers or any other source, arrangements are made for those concerned to attend at the special Scabies Clinic at Bramcote Recreation Ground for treatment.

The patients are given a hot bath and are treated twice, usually on successive days, with Benzyl Benzoate. A Benzyl Benzoate product with a vanishing cream base has been used successfully on very small children for whom the normal 25% Benzoate emulsion proves too irritating.

Lethane Oil or other preparations are still supplied free to cases of Pediculosis.

#### HEALTH EDUCATION

The Medical Officer of Health and Chief Public Health Inspector have given several talks during the year to school children and organisations within the area.

I am indebted to the County Medical Officer of Health and to Mr. N. S. Wass, the County Health Education Officer, for the following report of their work in this field within the district, and for their co-operation throughout the year.

69 meetings were held during the period under review. These included meetings at Schools, Relaxation Classes and evening Meetings. The subjects covered were again widely varied and included: Accident Prevention; Adolescent Health; Child Health; Drugs; Diet; Foot Health; General Health; Immunisation and Vaccination; Mental Health; Maternity and Child Welfare; Oral Hygiene; Personal Hygiene; Parent Craft; Smoking and V.D. Education.

Films and Filmstrips used included: Accidents don't happen; Arming Me from Fear; Boy to Man; Care of the Feet; Drugs and the Nervous System; Girl to Woman; Hundred Years of Health; Immunisation; Mixture as Never Before; Nothing to Eat but Food; No Toothache for Eskimos; Phenylketonuria; Pulse of Life; Smoking and You; Tons of Teeth; To Janet—a Son? and V.D.

The help of the Health Visitors in the area has been invaluable.

## SECTION "C"

**Prevalence of, and Control Over, Infectious and other Diseases**

On receipt of notification of an Infectious Disease the following procedure is put into practice:—

In cases of Scarlet Fever, Poliomyelitis, Meningitis or Diphtheria, etc., the home of the patient is visited by one of the Public Health Inspectors, who reports regarding the home conditions, contacts, and the advisability of removal to hospital. Swabs are taken where necessary and sent to the Public Health Laboratory for investigation for bacteria, and the Health Department arrange the removal to hospital of all cases requiring hospital treatment or isolation. The Health Visitor and/or School Nurse is also notified of all appropriate cases, and it is her duty to visit and educate the parents regarding contact periods, isolation periods, and to follow up school and pre-school contacts who are susceptible.

Disinfection of premises and library books is carried out by the staff of the Health Department as and when necessary. Head teachers of the schools in the district are notified of all cases of infection occurring amongst their children. They, too, are required to notify the Health Department of any cases of infection occurring in their schools as soon as they become aware of such.

In cases of Measles and Whooping Cough the Public Health Inspector does not visit, but an informative letter is sent to the parents instructing them in the duties of isolation and quarantine.

The Health Visitor and/or School Nurse visit cases of Whooping Cough, to ensure that adequate isolation is maintained. Wherever possible in cases of suspected food poisoning all utensils and all food still remaining from meals taken during the 24 hours preceding the onset of symptoms are submitted for examination.

In the event of an epidemic of food poisoning, dysentery, etc., the co-operation of the Public Health Laboratory staff is requested.

Gamma Globulin is available at the Public Health Laboratory for the induction of passive immunity in appropriate cases e.g. expectant mothers in the early months of pregnancy, who are contacts of German Measles and have not had that infection.



## Cases of, and Deaths from Notifiable Diseases, during the past five years

Disease	Total Confirmed Cases Notified				Cases admitted to Hospital	Total Deaths				
	1966	1967	1968	1969	1970	1966	1967	1968	1969	1970
Malaria .. .. .	0	0	0	1	0	0	0	0	0	0
Scarlet Fever .. .. .	48	50	22	65	17	0	0	0	0	0
Diphtheria .. .. .	0	0	0	0	0	0	0	0	0	0
Tuberculosis—Pulmonary .. .. .	8	8	8	11	3	2	1	1	0	2
—Inward Transfers .. .. .	10*	7*	3*	6*	5*	1	0	0	0	0
Tuberculosis—Meninges and C.N.S. .. .. .	0	0	0	0	0	0	0	0	0	0
—Inward Transfers .. .. .	0	0	0	0	0	0	0	0	0	0
Tuberculosis—Others .. .. .	0	2	1	2	3	3	0	1	1	2
—Inward Transfers .. .. .	0	2*	0	0	1*	0	0	0	0	2
Acute Meningitis .. .. .	0	0	1	1	0	0	0	1	2	0
Acute Poliomyelitis—Paralytic .. .. .	0	0	0	0	0	0	0	0	0	0
—Non Paralytic .. .. .	0	0	0	0	0	0	0	0	0	0
Ophthalmia Neonatorum .. .. .	2	0	0	0	0	0	0	0	0	0
Measles .. .. .	358	923	224	26	582	0	0	0	0	0
Whooping Cough .. .. .	9	6	6	0	11	0	0	0	0	0
Dysentery .. .. .	141	87	13	54	17	0	0	0	0	0
Food Poisoning .. .. .	9	7	4	6	11	3	0	0	0	0
Acute Encephalitis—Infective .. .. .	0	0	0	0	0	0	0	0	0	0
—Post Infectious .. .. .	2	0	0	2	0	0	0	0	0	0
Infective Jaundice .. .. .	0	0	0	6	13	0	0	0	0	0
Tetanus .. .. .	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever .. .. .	0	0	0	0	0	0	0	0	0	0

\*Inward Transfers—No Actual Notification Received



## INFECTIOUS DISEASES

### 1. Acute Anterior Poliomyelitis

There was, for the eleventh year in succession, no case of poliomyelitis in this area.

### 2. Diphtheria

No case of diphtheria has been notified during the past eighteen years. The recent outbreak in Manchester shows how essential it is to maintain the highest possible level of immunisation if this very satisfactory state of affairs is to continue.

### 3. Dysentery

There were 17 cases of dysentery during the year, seven of which occurred in the first quarter and nine in the third quarter.

		No. of cases Quarters of the year 1970			
Age Range		1st	2nd	3rd	4th
Under 1 year	..	Nil	Nil	2	Nil
1-4 years	..	1	Nil	1	Nil
5-9 years	..	3	Nil	3	Nil
10-14 years	..	Nil	Nil	Nil	Nil
15-24 years	..	1	Nil	1	Nil
Over 24 years	..	2	1	2	Nil
Age not disclosed		Nil	Nil	Nil	Nil
		7	1	9	Nil

Total 17

### 4. Food Poisoning

There were 9 sporadic cases notified during the year and one family outbreak consisting of two cases of *Salmonella* Typhimurium, an organism also responsible for 2 of the sporadic cases. *Salmonella* Thompson, *Salmonella* Muenster, *Salmonella* Enteritidis, *Salmonella* Dublin and *Salmonella* Elizabethville were each responsible for a single case while *Salmonella* Panama was discovered in two cases.

Four of the sporadic cases were probably infected abroad.

### 5. Measles

There were 582 cases of measles notified during the year, 39 in each of the first and third quarters and 498 during the second quarter. The possible cause of this outbreak was an acute shortage of measles vaccine in the months preceding the epidemic allowing an appreciable increase in the susceptible population.

The immunisation state was ascertained in 200 random cases; of these only two were recorded as having been vaccinated.

		No. of cases Quarters of the Year 1970				
Age Range		1st	2nd	3rd	4th	
Under 1 year	..	3	14	2	1	
1-4 years	..	19	266	24	2	
5-9 years	..	15	203	11	3	
10-14 years	..	—	7	2	—	
15-24 years	..	—	3	—	—	
Over 24 years	..	—	2	—	—	
Age not disclosed		2	3	—	—	
		39	498	39	6	Total 582

## 6. Scarlet Fever

There were 17 cases of scarlet fever, the lowest number notified since the formation of the district.

## 7. Smallpox

No case of smallpox was notified during the year.

## 8. Tuberculosis

3 cases of pulmonary tuberculosis were notified during the year, the lowest number notified in the history of the district, and 3 cases of non-pulmonary tuberculosis were notified during the year.

There were 4 deaths from Tuberculosis during the year.

# TUBERCULOSIS

## New Cases and Mortality during 1970

Age Period (Years)		New Cases				Deaths			
		Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary and Late Effects	
		M	F	M	F	M	F	M	F
0—5	..	—	—	—	—	—	—	—	—
5—14	..	—	—	—	—	—	—	—	—
15—24	..	—	2	—	—	—	—	—	—
25—44	..	—	—	1	—	—	—	—	—
45—64	..	1	—	1	—	2	—	—	1
65 and over	..	—	—	—	1	—	—	—	1
Age unknown	..	—	—	—	—	—	—	—	—
Totals		1	2	2	1	2	—	—	2

There were 4 deaths from Tuberculosis during the year.  
The following Inward Transfers were also notified:

Pulmonary Males	..	..	3	
Pulmonary Females	..	..	2*	(*one also
Non-Pulmonary Males	..	1		miliary
Non-Pulmonary Females	..	—		tuberculo-
		—		sis and
		6		meninges)

Of the inward transfers, one was a woman, originally notified in Beeston, removed to Oxford and returned to this district.

One young woman transferred as a Pulmonary case left the district for Scotland after a brief stay.

Two cases were notified after death.

The following table will compare the deaths from Pulmonary and Non-Pulmonary Tuberculosis during the past five years:

	1970	1969	1968	1967	1966
Pulmonary .. ..	2	Nil	1	1	2
Non-Pulmonary and other effects ..	2	Nil	1	Nil	Nil

### BACTERIOLOGICAL EXAMINATIONS CARRIED OUT ON SPECIMENS IN 1970

902 reports were received from the Public Health Laboratory Service during the year on specimens sent by the Public Health Department or by General Medical Practitioners in the district.

Of the 570 faecal specimens sent, 33 proved positive for *Shigella* Sonnei, 1 for *Escherichia Coli* (086) and 22 for *Salmonellae* (unspecified-1); *Salmonella* Enteritidis - 2; *Salmonella* Typhimurium - 9; *Salmonella* Dublin - 2; *Salmonella* Panama - 3; *Salmonella* Thompson - 3; *Salmonella* Elizabethville - 1; *Salmonella* Muenster - 1).

The following table shows the results of other samples sent for bacteriological examination:

	<i>Satisfactory</i>	<i>Unsatisfactory</i>	<i>Total</i>
Ice Cream .. ..	56	—	56
Swimming Bath—Water	45	11	56
Milk .. ..	101	—	101
Pasteurised Liquid Egg ..	82	3	85
Gelatine .. ..	5	—	5
Tap Water (Mains Supply)	1	—	1
Cooked Frozen Chicken Portion .. ..	1	—	1
Cooked Leg of Pork Portion	1	—	1
	292	14	306

# **SCHEDULE OF VACCINATION AND IMMUNISATION PROCEDURES**

AGE	PROPHYLACTIC	INTERVAL	NOTES
During the first year of life	Diph./Tet/Pert. and oral Polio vaccine. (First dose)  Diph./Tet/Pert. and oral Polio vaccine. (Second dose) Diph./Tet/Pert. and oral Polio vaccine. (Third dose)	Preferably after an interval of 6-8 weeks.  Preferably after an interval of 6 months.	The earliest age at which the first dose should be given is 3 months, but a better general immunological response can be expected if the first dose is delayed to 6 months of age.
During the second year of life	Measles vaccination  Smallpox vaccination*	After an interval of not less than 3-4 weeks.  After an interval of not less than 3-4 weeks.	While the second year is recommended for routine vaccination against smallpox, in individual cases and if special circumstances call for it, vaccination against smallpox may be carried out during the first year.
At 5 years of age or school entry	Diph./Tet and oral Polio vaccine or Diph./Tet/Polio vaccine Smallpox revaccination		With the exception of smallpox revaccination these may be given, if desired, at 3 years of age to children entering nursery schools, attending day nurseries or living in children's homes.
Between 10 and 13 years of age.	B.C.G. vaccine		For tuberculin negative children.
Between 11 and 14 years	Rubella vaccine (Live attenuated)		The vaccine is not given to pregnant women, persons suffering from febrile conditions, intercurrent infections, malignant diseases, severe chronic disease or gamma globulin deficiency.
At 15-19 years of age or on leaving school	Polio vaccine (Oral or inactivated) Tetanus toxoid Smallpox revaccination		

**\*Vaccination Against Smallpox—28th July, 1971**

1. Vaccination against smallpox need not now be recommended as a routine procedure in early childhood.
2. All travellers to and from areas of the world where smallpox is endemic or countries where eradication programmes are in progress should be protected by recent vaccination.
3. Health Service staff who may come into contact with patients should be offered vaccination and regular re-vaccination.

Once again I must acknowledge my debt to the Director of the Public Health Laboratory and his staff for their good counsel and co-operation during the year.

## VACCINATION AND IMMUNISATION

This function is carried out by the District Medical Officer of Health, acting, with the consent of the Urban District Council, as an agent of the County Council.

I should like to commend the efforts of the nursing and clerical staff on whose industry and efficiency the success of this undertaking depends.

### 1. Diphtheria

During 1970, 454 infants were given a primary immunisation against Diphtheria and 552 were given a booster dose by the Public Health Department, while 589 were given a primary immunisation and 731 were given a booster dose by General Practitioners.

### 2. Smallpox

754 Primary Vaccinations against Smallpox were carried out during the year. Children attending schools within the area were offered revaccination at the age of 5 years.

Number of persons primarily vaccinated during 1970:

(i) Under Public Health Department					
arrangements	..	..	..	..	310
(ii) By Private Practitioners	..	..	..	444	} 754

Number of persons re-vaccinated during 1970:

(i) Under Public Health Department					
arrangements	..	..	..	..	131
(ii) By Private Practitioners	..	..	..	97	} 228

### 3. Whooping Cough

452 infants were immunised by the Health Department and 108 were given a school Booster dose. A further 585 infants were given a primary immunisation by General Practitioners and 381 a Booster dose.



#### 4. Tetanus

454 infants were immunised by the Health Department and 555 were given a Booster dose. In addition, 694 infants were immunised by General Practitioners and 833 given a Booster dose.

#### 5. Poliomyelitis

463 persons were vaccinated by the Health Department and 432 were given a Booster dose. A further 584 persons were vaccinated by General Practitioners and 685 given a Booster dose.

#### 6. Measles

642 children were vaccinated against measles by the Public Health Department and a further 544 by General Practitioners.

#### 7. Rubella

310 secondary school girls were immunised against Rubella during the fourth quarter by the Public Health Department.

The following table shows the percentages vaccinated under this Authority's scheme together with the comparable national figures:

	CHILDREN BORN IN 1968			
	Whooping Cough (1)	Diphtheria (2)	Polio- myelitis (3)	Smallpox (children under 2) (4)
Nottinghamshire ..	88%	88%	86%	44%
England ..	79%	81%	79%	34%
Beeston and Stapleford ..	90%	91%	89%	54%

Columns (1), (2) and (3) are calculated to show the percentage born in 1968 and vaccinated at any time.

Column (4) includes only children under two years of age vaccinated in 1970 and is calculated as a percentage of those born in 1969.



# VACCINATION AND IMMUNISATION — PRIMARY COURSES

Vaccine	1970		1969		Year of Birth 1968		1967.		1963/66		Others under 16		County Total P.H.D.	Total
	P.H.D.	G.P.	P.H.D.	G.P.	P.H.D.	G.P.	P.H.D.	G.P.	P.H.D.	G.P.	P.H.D.	G.P.		
Quadruple D.T.P.P. . .	1	151	390	381	54	47	7	5		1			452	585
Triple D.T.P. . . . .														
Diphtheria/Pertussis . .				1					2	3			2	4
Diphtheria/Tetanus . .														
Diphtheria . . . . .														
Pertussis . . . . .														
Tetanus . . . . .		1		2				3		5		94		105
Salk . . . . .														
Sabin . . . . .	1	150	397	373	56	54	6	2	3	4			463	584
Measles . . . . .		3	178	183	269	203	106	58	88	84	1	13	642	544
Rubella . . . . .														
Total Diphtheria . . . .	1	151	390	382	54	47	7	5	2	4			454	589
Total Whooping Cough .	1	151	390	381	54	47	7	5	1	1			452	585
Total Tetanus . . . . .	1	152	390	384	54	47	7	8	2	9		94	454	694
Polio . . . . .	1	150	397	373	56	54	6	2	3	4	1		463	584

## SECONDARY COURSES

Quadruple D.T.P.P. . .					2	61	92	117			14	15					187				1		108	381	489
Triple D.T.P. . . . .						4					4	4					319				10		444	350	794
Diphtheria/Pertussis . .																	439								
Diphtheria/Tetanus . .																									
Diphtheria . . . . .																									
Pertussis . . . . .																									
Tetanus . . . . .								2				5					17			3	78		3	102	105
Salk . . . . .																									
Sabin . . . . .						47		109			5	14					425			2	15		432	685	105
Measles . . . . .																									
Rubella . . . . .																									
Total Diphtheria . . . .					2	65	92	130			18	19					439			1	11		552	731	1283
Total Whooping Cough .					2	61	92	117			14	15					187				89		108	381	489
Total Tetanus . . . . .					2	65	92	132			18	24					439			4	15		555	833	1388
Polio . . . . .						47		109			5	14					425			2	15		432	685	1117

## 6. Tuberculosis B.C.G. Vaccination

Year	No. tested	No. of children		No. vaccinated	No. reported for X-ray	Ab- sent
		Positive	Negative			
1966-67	607	82	485	485	60	40
1967-68	656	64	553	553	42	39
1968-69	634	69	539	538 1 Neg. not vacc.	38	26
1969-70	738	113	598	596	71	27
1970-71	807	104	672	672	18	31
1966-67*	490	467	—	—	—	23
1967-68*	440	420	4	4	—	16
1968-69*	566	523	14	14	—	29
1969-70*	501	476	1	1	—	24
1970-71*	522	493	—	—	—	29

\* Re-test after 1 year.

## NATIONAL ASSISTANCE ACTS 1948 and 1951

It was not necessary to take action under the above Acts during 1970.

In conclusion, it is my pleasure to thank the Chairman and Members of the Health Committee for their support and encouragement, and also my colleagues in other departments.

I am again indebted to the Engineer and Surveyor, Mr. S. C. Moppett, for his reports regarding difficulties arising at the sewage works.

I am pleased once again to acknowledge the able assistance and co-operation of Mr. W. R. Brownhill, Chief Public Health Inspector, and the loyal support of all the members of the Health Department.

I have the honour to remain,

Your obedient servant,

E. BEBBINGTON,

*Medical Officer of Health.*

## REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR FOR 1970.

TO THE CHAIRMAN AND MEMBERS OF THE BEESTON AND STAPLEFORD  
URBAN DISTRICT COUNCIL.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in presenting my report for the year 1970.

### SECTION "D"

#### SANITARY CIRCUMSTANCES OF THE AREA

##### **The Clean Air Acts 1956 and 1968**

**Smoke Control Areas.** Confirmation of our Smoke Control Order No. 12 has been received from the Secretary of State for the Environment and will become operative from the 1st July 1972.

The position regarding supplies of solid smokeless fuels is now much brighter and in a circular issued by the Department of the Environment in July, 1971 the Secretary of State expressed the hope that all authorities will now make rapid progress with the creation of Smoke Control Areas. No supply difficulties are expected after the winter of 1971/72.

Work is well advanced in the preparation of our Smoke Control Order No. 13 which will be submitted to the Council in November 1971 and, in view of the improved position regarding solid smokeless fuel supplies, it is hoped that it will become operative in October, 1972.

The No. 12 Order embraces that part of the Beeston North Ward bounded by Derby Road, Wollaton Road, Abbey Road, Marlborough Road, Broadgate and the Nottingham City boundary and contains 1,366 houses (710 Council houses and 656 private houses) and 49 other premises.

This means that Orders are now confirmed covering 5,117 acres out of a total of 6,468 acres, i.e. approximately 79.1% of the area of the Urban District and containing 17,177 out of a total of 21,942 inhabited houses; approximately 78.3%.

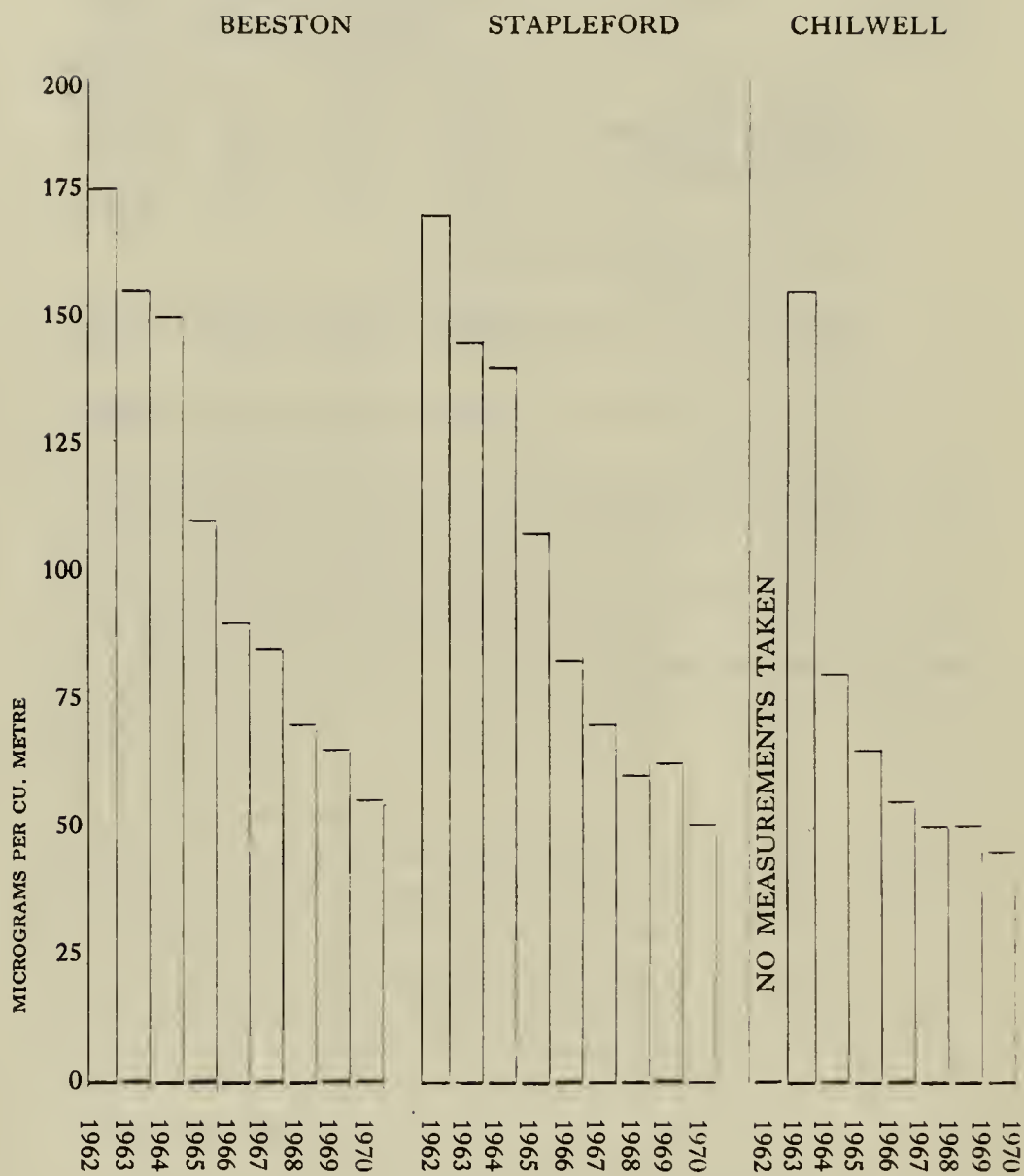
The map enclosed inside the back cover shows clearly the progress made and a study of the following block graphs and tables illustrates the definite downward trend in air pollution in the District since the commencement of our Smoke Control Programme.

The details of our confirmed Orders are as follows:

Order No.	Area	Acreage	No. of Houses mid 1970	No. of Other Premises	Operative from
1	Inham Nook, Chilwell	270	1589	7	1.10.61
2	Bramcote Hills	537	1053	7	1.10.62
3	Stapleford New Eatons	474	1447	54	1.6.64
3A	Stapleford Hill Top	120	285	—	1.10.65
4	Toton and Chilwell C.O.D.	1152	1674	23	1.10.64
5	Bramcote, Derby Road	26	107	—	1.10.64
6	Attenborough, Part Chilwell and Part Beeston South	920	1746	22	1.10.65
7	Chilwell (Part)	262	1742	16	1.10.66
8	Stapleford (Central)	186	1417	96	1.10.67
9	Parts of Beeston, Bramcote & Chilwell	665	2667	99	1.10.68
10	Beeston Central	148	786	292	1.10.69
11	Stapleford S.E. of Hickings Lane	190	1298	33	1.7.71
12	Beeston—part of North Ward	167	1336	49	1.7.72
	Totals—13 areas	5117	17177	698	

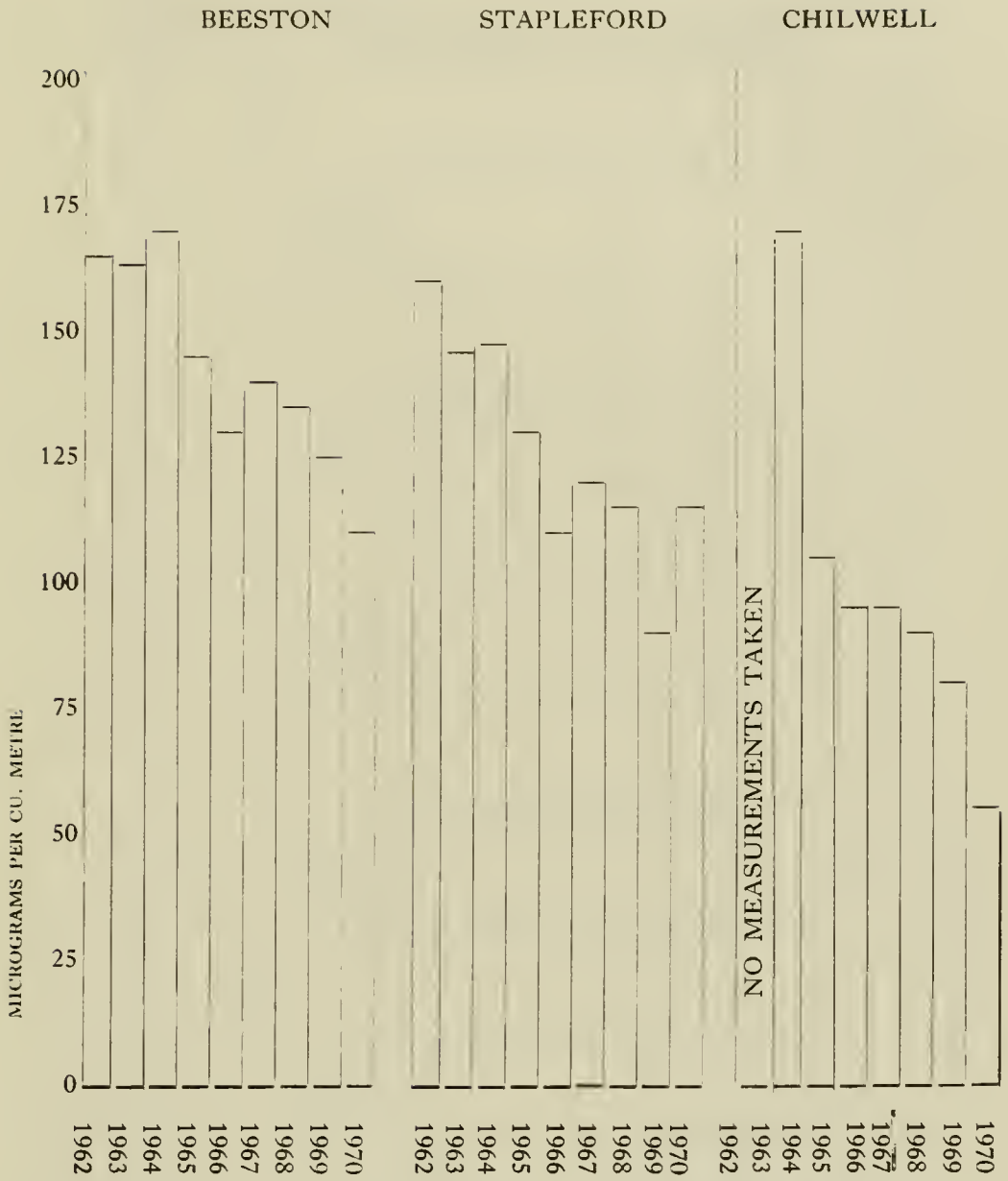
*For map see Inside Back Cover*

THE AVERAGE CONC. (MONTHLY)  
OF SMOKE IN THE ATMOSPHERE

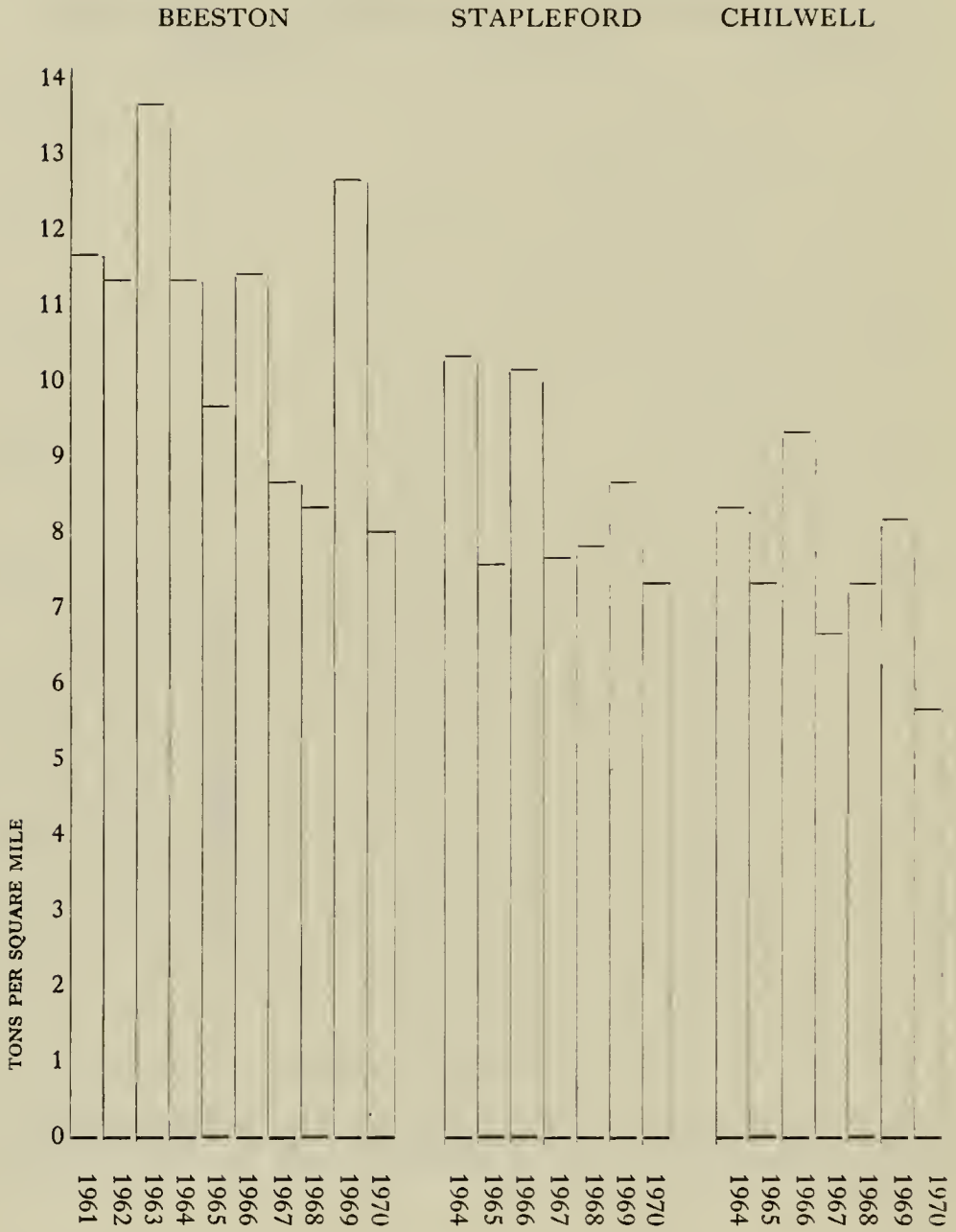




THE AVERAGE (MONTHLY) CONC.:  
OF SULPHUR DIOXIDE IN THE ATMOSPHERE



**DEPOSIT GAUGES**  
**AVERAGE MONTHLY TOTAL DEPOSITS**



# MEASUREMENT OF AIR POLLUTION

Daily Smoke Filter and Volumetric Sulphur Dioxide apparatus and Deposit Gauges are sited at the Beeston Roundhill, Stapleford Fairfield and Chilwell Sunnyside schools and the results of readings taken of atmospheric pollution in the District are set out in the following three tables.

The following table shows the concentration of SMOKE in the atmosphere as recorded by the Volumetric Apparatus:—

Month	BEESTON			STAPLEFORD			CHILWELL		
	Monthly Average Micrograms per cu. m.	Highest Value Micrograms per cu. m.	Monthly Average Micrograms per cu. m.	Highest Value Micrograms per cu. m.	Monthly Average Micrograms per cu. m.	Highest Value Micrograms per cu. m.			
	1970	1969	1970	1969	1970	1969			
January ..	81	109	299	234	249	54	80	193	231
February ..	82	115	262	296	169	75	85	221	254
March ..	81	115	198	580	171	67	69	165	506
April ..	45	57	131	172	126	40	45	127	128
May ..	27	39	58	106	65	24	30	44	97
June.. ..	17	19	63	31	76	15	15	47	28
July ..	16	21	34	35	41	11	17	29	33
August ..	33	22	96	57	120	26	18	87	38
September ..	40	42	133	65	164	30	34	114	56
October ..	61	68	172	223	197	51	62	167	236
November ..	78	63	184	193	128	49	63	97	264
December ..	130	121	457	311	478	83	98	382	276
Average ..	57	66	174	192	165	44	51	139	179
1968 Average ..	72		211	59	179	51			152

The following table shows the concentration of **SULPHUR DIOXIDE** in the atmosphere, as recorded by the Volumetric Apparatus:

Month	BEESTON			STAPLEFORD			CHILWELL		
	Monthly Average Micrograms per cu. m.	Highest Value Micrograms per cu. m.	Monthly Average Micrograms per cu. m.	Monthly Average Micrograms per cu. m.	Highest Value Micrograms per cu. m.	Monthly Average Micrograms per cu. m.	Highest Value Micrograms per cu. m.	Monthly Average Micrograms per cu. m.	Highest Value Micrograms per cu. m.
January ..	1970 1969 168 196	1970 1969 450 319	1970 1969 148 167	1970 1969 387 330	1970 1969 387 330	1970 1969 93 124	1970 1969 280 263	1970 1969 93 124	1970 1969 280 263
February ..	151 197	333 396	143 178	280 409	280 409	89 138	209 299	89 138	209 299
March ..	131 156	306 401	128 124	312 360	312 360	80 95	211 317	80 95	211 317
April ..	107 129	164 220	106 116	159 180	159 180	63 87	117 154	63 87	117 154
May ..	80 97	150 177	80 92	138 143	138 143	59 64	103 127	59 64	103 127
June ..	75 71	144 109	65 66	130 107	130 107	51 51	110 72	51 51	110 72
July ..	33 75	70 118	56 77	98 122	98 122	33 50	70 92	33 50	70 92
August ..	73 64	295 113	72 67	158 104	158 104	57 45	96 77	57 45	96 77
September ..	88 77	163 130	86 72	166 112	166 112	30 52	115 79	30 52	115 79
October ..	112 110	259 181	118 104	239 183	239 183	54 73	126 148	54 73	126 148
November ..	147 134	245 260	120 111	235 210	235 210	49 75	103 139	49 75	103 139
December ..	159 180	380 382	149 161	344 318	344 318	63 112	142 178	63 112	142 178
Average ..	110 123	246 234	106 89	220 215	220 215	60 79	140 162	60 79	140 162
1968 Average ..	136	289	117	263	263	92	213	92	213

The following table shows the monthly recording of the deposited matter in tons per square mile.

Month	Undissolved Matter				Dissolved Matter				Total Deposit			
	Beeston 1970	Beeston 1969	Stapleford 1970	Stapleford 1969	Chilwell 1970	Chilwell 1969	Beeston 1970	Beeston 1969	Stapleford 1970	Stapleford 1969	Chilwell 1970	Chilwell 1969
January	6.83	5.53	6.78	4.71	1.22	3.39	5.15	4.36	5.19	3.90	5.63	4.49
February	4.89	6.45	4.28	5.58	3.46	7.62	5.37	6.12	5.66	5.12	4.20	4.74
March	5.17	6.95	5.45	4.25	4.05	3.90	5.48	5.02	5.61	4.79	5.91	5.07
April	3.06	5.81	3.67	2.09	2.09	3.01	4.66	5.07	4.76	4.18	3.77	4.28
May	4.86	3.82	2.65	2.14	1.27	1.43	2.90	4.03	2.67	4.76	2.90	4.15
June	4.81	4.82	0.99	1.91	0.87	1.07	3.08	2.67	2.47	2.57	2.62	2.32
July	3.39	8.36	2.14	7.29	2.93	4.03	4.38	5.63	4.00	5.73	3.51	5.52
August	3.57	4.69	1.40	4.51	1.17	6.95	2.27	10.32	2.78	3.97	2.62	6.65
September	1.73	17.48	1.88	4.89	0.82	3.41	3.03	3.77	2.22	2.67	2.16	2.37
October	3.21	12.34	8.15	9.09	1.53	1.73	4.48	3.06	5.12	3.31	3.29	2.50
November	2.62	6.32	2.14	8.00	0.92	4.40	5.53	5.45	4.99	6.14	4.07	4.79
December	3.87	8.64	2.39	3.13	3.82	6.98	3.77	5.02	3.52	1.58	3.77	4.36
Totals	48.01	91.21	41.92	57.59	24.15	47.92	50.10	60.52	48.99	48.72	44.45	51.24
Average	4.00	7.60	3.49	4.80	2.01	3.99	4.17	5.04	4.08	4.06	3.70	4.27
							8.17	12.64	7.57	8.86	5.71	8.26

## WATER

With the exception of a few isolated properties the whole of the district obtains its water from the Nottingham Corporation. The supply has been satisfactory in quality and quantity, has no plumbo-solvent action and no complaints have been received.

2 samples of drinking water were taken during the year, 1 being submitted to the Public Health Laboratory for examination, and 1 to the Public Analyst. Both the samples were satisfactory.

## PUBLIC CLEANSING AND SALVAGE

### Refuse Disposal

Work is proceeding on the erection of the new refuse disposal plant at Eastcroft in Nottingham and we are informed that it will be operating and in a position to receive all the refuse from this District by the end of December, 1972.

This will indeed be most welcome as the task of disposing of our refuse at the Lilac Grove plant and tip becomes daily more and more difficult to do without creating serious nuisance.

### Salvage of Waste Materials

The total value of salvage recovered and sold amounted to £17,192, the highest total since 1961.

Receipts from the sale of waste paper, £13,528, were the highest ever although the actual tonnage recovered, 1,190, was some 61 tons below the previous year's figure.

The weight of ferrous metals recovered totalled 715 tons and was sold for £3,656.

Our fleet of vehicles now comprises:

#### REFUSE REMOVAL

5 Shelvoke & Drewry Pakamatic vehicles, 2 Shelvoke & Drewry Fore and Aft tipping vehicles fitted with bulk loading equipment, 2 Shelvoke & Drewry Fore and Aft Tipping vehicles (1 used as a spare vehicle).

#### REFUSE DISPOSAL

1 Ford D.550 tipping lorry with extended sideboards for removal of screened dust, etc.



## SALVAGE

- 1 Karrier "Bantam" tipping van (for salvage and trade refuse).
- 1 Ford D.800 tipping lorry (also used for trade refuse collection).

## GENERAL

- 1 "Transit" 24 cwt. van used for drainage and other general work.
- 1 "Thames" 5/7 cwt. van for the refuse collection supervisor.
- 1 Ford D.400 tipping lorry for refuse and salvage collection, and for general purposes.
- 1 Weatherill Loading Shovel for use on controlled tip.
- 1 Lee Magnum Clamp Lift Truck for handling waste paper bales.

The following statistics on refuse collection and disposal for the year to 31st March, 1971, may prove of interest:

Population 64,130	Area 6,468 acres
No. of premises from which refuse is collected 23,524	
Refuse collected per premises per annum—14·6 cwts.	
Refuse collected per 1,000 pop. per annum—267·2 tons	

**House Refuse Collection Rounds**

Weight of refuse collected, including salvage:

(April 1st, 1970—Sept. 30th, 1970, summer)	6,732 tons	Actual
(Oct. 1st, 1970—March 31st, 1971, winter)	7,042 tons	Estimated

TOTAL	..	13,774 tons
-------	----	-------------

No. of loads of refuse collected :

Summer	..	..	..	..	2,231 loads
Average weight per load	..	..	..	..	3·02 tons
Winter	..	..	..	..	2,158 loads
Average weight per load	..	..	..	..	3·26 tons

Average number of bins collected per man per day :

Summer	..	..	..	..	169·3 bins
Winter	..	..	..	..	170·4 bins

Average weight of refuse collected per man per day, including salvage:

Summer	..	..	..	..	1t 15c 1q
Winter	..	..	..	..	1t 16c 2q

Average weight of refuse per bin :

Summer .. .. . 23.4 lbs.

Winter .. .. . 24.1 lbs.

Average haul by collection vehicle to disposal point

(single journey) .. .. . 3.2 miles

### Other Refuse Collection

Special collections of refuse and salvage were made from various trade, domestic and other premises, as follows :

Refuse (including domestic items, such as old  
furniture, bedding, etc.) .. .. . 1474 tons  
Salvage .. .. . 596 tons

Total .. 2070 tons

### Particulars of Materials Salvaged during the year ended 31st March, 1971

DESCRIPTION	AMOUNT SOLD			VALUE	
	T.	C.	Q.	lbs.	£
Waste Paper .. .. .	1190	7	3	0	13,528.39
Baled tins and ferrous metals ..	648	13	2	0	3,539.70
Other Ferrous metal .. ..	66	12	0	0	116.60
Non-ferrous metal .. ..		1	1	0	5.00
Textiles .. .. .		2	2	0	1.00
Miscellaneous .. .. .		1	1	19	0.89
	1905	18	1	19	17,191.58

# SALVAGE OF WASTE MATERIALS

Table showing amounts and values of materials salvaged during the past ten years :—

Year Ended	Waste Paper		Textiles		Kitchen Waste		Ferrous Metals		Non-Ferrous Metals			Miscellaneous			Total	
	tons Weight	£ Value	tons Weight	£ Value	tons Weight	£ Value	tons Weight	£ Value	tons Weight	£ Value	tons Weight	tons Weight	£ Value	tons Weight	£ Value	tons Weight
31.3.71	1190	13528	—	1	—	—	715	3656	—	5	—	1	1905	17191		
31.3.70	1251	13298	1	15	—	—	667	2725	1	57	1	2	1920	16097		
31.3.69	1309	12166	2	25	—	—	847	3520	1	41	—	—	2159	15752		
31.3.68	1288	11036	2	24	—	—	794	3454	1	74	7	16	2092	14604		
31.3.67	1259	11524	19	117	—	—	776	3928	1	46	—	—	2055	15615		
31.3.66	1132	10270	28	176	—	—	711	3780	1	41	—	—	1872	14267		
31.3.65	1053	8776	25	188	—	—	801	4339	1	57	1	4	1881	13364		
31.3.64	1079	8775	23	152	—	—	793	4496	1	30	1	3	1897	13456		
31.3.63	1014	8275	21	121	—	—	807	5098	1	35	1	4	1844	13533		
31.3.62	1079	9162	25	136	—	3	849	5789	1	56	1	8	1955	15146		

# FACTORIES ACT, 1961

Inspections for purposes of provisions as to health made by the Public Health Inspectors :—

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Secs. 1, 2, 3, 4, and 6 are to be enforced by Local Authorities .. ..	8	Nil	Nil	Nil
(ii) Factories not included in (i) above in which Sec. 7 is enforced by the Local Authority ..	182	11	2	Nil
(iii) Other Premises in which Sec. 7 is enforced by the Local Authority (excluding outworkers' premises) .. ..	8	Nil	Nil	Nil
Total ..	198	11	2	Nil

Cases in which defects were found:

Sanitary Conveniences unsuitable (S.7):

Two defects found and remedied (referred by H.M.I.).

**Outwork.** 59 Outworkers were notified in the August lists as required by Sec. 133 (1) (c).

They were employed as follows:

Wearing Apparel, making, ornamenting, finishing, etc. .. ..	41
Household Linens, making up, ornamenting, finishing, etc. ..	11
Lace, making, ornamenting, finishing, etc. .. ..	2
Curtains and furniture hangings, making .. ..	4
Nets other than wire nets, making .. ..	1
	<hr/>
	59
	<hr/>

Of the 59 notified, 50 resided within the Urban District and 9 outside, these latter being re-notified to the Local Authorities concerned.

### DESTRUCTION OF RATS AND MICE

All complaints have been dealt with effectively during the year.  
The following is a summary of the work done in the area during 1970:

No. of complaints received ..	586
No. of Premises treated:	
Private Dwellings	470
Business Premises	42
Council Property	20
	<hr/>
	532
	<hr/>

No. of Visits .. .. .	1271
-----------------------	------

### PETROLEUM

299 visits were made during 1970 to premises licensed under the Petroleum (Consolidation) Act, 1928.

67 storage installations are now licensed in the district with a total storage capacity of 266,595 gallons.

### PET ANIMALS ACT, 1951

4 licences to keep pet shops have been issued as required by Section 1 of the above-mentioned Act.

### RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

5 factories are registered by the Council under the above-mentioned Act, and regular inspections are carried out. 7 samples of filling materials for furniture and bedding were taken and submitted to the prescribed analyst during 1970. 3 of the samples (informal) were unsatisfactory, but further formal samples of these materials were taken and they proved to be satisfactory.

### ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

3 licences to keep Boarding Establishments for animals have been issued under the above-mentioned Act.

### SWIMMING BATH WATER SAMPLING

56 samples of water from the Council's swimming bath were submitted to the Public Health Laboratory for bacteriological examination, the results being as follows:

No. of samples with no coliform bacilli in 100 ml. .. ..	46
No. of samples showing plate count of under 10 colonies after 24 hours at 37 degrees C. .. ..	50
No. of samples showing plate count of 10-100 colonies after 24 hours at 37 degrees C. .. ..	5
No. of samples showing plate count exceeding 100 colonies after 24 hours at 37 degrees C. .. ..	1

The recognised standard is that in 75% of samples the number of colonies should not exceed 10 and in the remaining 25%, the number of colonies should not exceed 100.

The samples can therefore be regarded on the whole as satisfactory.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The following tables show the number of premises registered under the above Act, the number of inspections made and the number of persons employed. This information has been supplied to the Department of Employment and Productivity as required by the Act.

TABLE A—REGISTRATIONS AND GENERAL INSPECTIONS

Class of Premises	Number of premises registered during the year	Total number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
Offices	4	68	10
Retail Shops	12	246	80
Wholesale shops, warehouses	4	16	5
Catering establishments open to the public, canteens	2	35	6
Fuel storage depots	—	1	—
Totals	22	366	101

TABLE B—NUMBER OF VISITS OF ALL KINDS BY INSPECTORS TO REGISTERED PREMISES

103

TABLE C—ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

Class of Workplace	Number of Persons Employed
Offices	478
Retail shops	1177
Wholesale departments, warehouses	102
Catering establishments open to the public	212
Canteens	8
Fuel storage depots	4
Total	1981
Total Males	738
Total Females	1243



## SANITARY ADMINISTRATION

## Summary of Inspections

Housing Act Inspections .. .. .	1190
Housing Act Reinspections .. .. .	755
Public Health Act Inspections .. .. .	633
Public Health Act Reinspections .. .. .	328
Air Pollution Measurement .. .. .	799
Animal Boarding Establishments .. .. .	3
Animals and Fowls .. .. .	13
Certificates of Disrepair .. .. .	5
Drainage to new buildings, inspecting and testing .. .. .	451
Drainage, existing .. .. .	410
Drains blocked, cleared by Council workmen .. .. .	1277
Dustbins .. .. .	340
Factories .. .. .	11
Hairdressers and Barbers .. .. .	84
Housing Records made .. .. .	29
Improvement Grants, First Visits .. .. .	390
Improvement Grants, Revisits .. .. .	483
Infectious Diseases .. .. .	197
Interviews .. .. .	846
Land Charges, Searches, etc. .. .. .	153
Miscellaneous .. .. .	485
Moveable dwellings .. .. .	55
Noise Complaint .. .. .	88
Offices, Shops and Railway Premises .. .. .	103
Pet Animals Act .. .. .	13
Petroleum Storage .. .. .	299
Premises disinfected for Infectious Diseases .. .. .	6
Premises disinfested .. .. .	10
Rag Flock Act .. .. .	8
Refuse Accumulations .. .. .	106
Refuse Collection and Salvage .. .. .	540
Rivers Pollution .. .. .	26
Schools .. .. .	4
Shops Act .. .. .	30
Smoke Abatement .. .. .	139
Smoke Control Areas .. .. .	2111
Vermin .. .. .	271
Wasps' Nests Destruction .. .. .	195
Water Samples, Swimming Pool .. .. .	26

---

Total .. 12912

---

# **HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES ELSEWHERE. Action taken during 1970** **SECTION "E" HOUSING**

A	In or Adjoining Clearance Areas (Housing Act, 1957)	Unfit for human habitation		Number of houses		30
		Included by reason of bad arrangement		Number of separate dwellings contained therein		30
Houses Demolished during the year		On land acquired under Section 43 (2) Housing Act 1957		Number of houses		—
		As a result of formal or informal procedure under Section 16 or Section 17 (1) Housing Act 1957		Number of separate dwellings contained therein		—
	Not in or Adjoining Clearance Areas	Local authority owned houses certified unfit by the Medical Officer of Health		Number of houses		—
		Number of separate dwellings included above which were reported as closed up to 31.12.64 in pursuance of closing orders or undertakings		Number of separate dwellings contained therein		—
B	Unfit Houses Closed during the year	..	..	..	..	..
C	Number of Persons Displaced during the year	From houses to be demolished in or adjoining clearance areas		..	..	150
		From houses to be demolished not in or adjoining clearance areas		..	..	—
D	Number of Families Displaced during the year	From houses to be demolished in or adjoining clearance areas		..	..	54
		From houses to be demolished not in or adjoining clearance areas		..	..	—
E	Unfit Houses Made Fit	From houses to be closed		..	..	—
		After informal action by local authority		..	..	312
H	Purchase of Houses by agreement	After formal notice under Sections 9 and 16, Housing Act, 1957		..	..	9
		After formal notice under Public Health Acts		..	..	2
		Houses in Clearance Areas other than those included in confirmed orders or C.P.O's.		Number of houses Number of occupants		.. ..

## SLUM CLEARANCE

Since 1953 representations have been made in respect of 94 Clearance Areas, comprising 804 houses, with a population of 2,189. This includes 28 "Grey" properties.

### Clearance Areas dealt with in years 1969-71 (July)

Date of Representation	No. of Area	Clearance Area	Houses in Area	Population of Area	Date of Ministry Enquiry or Inspection	Date Order Confirmed by Minister	Remarks	No. of Persons re-housed to 31.7.70	Date Demolition Completed
14/1/69	87	Stapleford—High St.	7	19	2/9/70		C.P.O.	19	
16/4/69	88	Stapleford—Church Lane	3	11			Clearance Order	11	Jan. 1970
1/7/69	89	Stapleford—Nottm. Rd. No. 4	2	4			Clearance Order	1	Sept. 1970
5/11/69	90	Beeston—Windsor St.	60	162			C.P.O.	32	
14/4/70	91	Stapleford—Alexandra St.	4	6			Clearance Order	6	June 1970
14/4/70	92	Stapleford—Victoria St.	6	17			C.P.O.	17	
14/4/70	93	Stapleford—Middle Orchard St. No. 2	4	14			C.P.O.	14	Sept. 1971
16/6/70	94	Beeston—Clifton St.	4	12			Council Property	12	

**Individual Unfit Houses.** In addition to the above, 279 individual houses involving the displacement of 758 persons have been dealt with by Demolition or Closure procedure since 1950. This includes 100 Council-owned 'prefabs' occupied by 259 people.

This gives a grand total of 1,083 houses dealt with, involving 2,947 persons.

### NEW HOUSES BUILT

Number of New Houses erected during the year:—

By the Local Authority	..	..	..	..	..	32
By private enterprise	..	..	..	..	..	159
						<hr/> 191 <hr/>

This brings the number of post-war houses built to the end of 1970 to 10,514.

By the Local Authority—Permanent	..	..	..	3923
By the Local Authority—Permanent (for sale)	..	..	..	24
Pre-fabricated	..	..	..	*100
By private enterprise	..	..	..	6467
(Including five rebuilt war-damaged houses)				
				<hr/> 10514 <hr/>

\* These have now been demolished.

### HOUSES IMPROVED WITH THE AID OF GRANT

153 houses were improved with the aid of grant during 1970, as follows:—

Discretionary	..	22
Standard	..	131
		<hr/> 153 <hr/>

## SECTION "F"

## INSPECTION AND SUPERVISION OF FOOD

The following pages give some indication of the amount of attention paid by your Inspectors to this most important branch of Public Health work.

## List of Food Premises in the Area

Category	Food Hygiene Regulations—Number of Premises			
	Fitted to comply with Regulation 16	To which Regulation 19 applies	Fitted to comply with Regulation 19	Total Number of Premises
Bakehouses .. .. .	7	7	7	7
Butchers .. .. .	48	48	48	48
Cafes and Restaurants .. .. .	18	18	18	18
Fried Fish Shops .. .. .	18	18	18	18
Greengrocers and Fishmongers .. .. .	54	54	54	54
Grocers and Provision Dealers .. .. .	93	93	93	93
Confectionery and Sweets .. .. .	60	60	60	60
Licensed Pubs. .. .. .	38	38	38	38
Licensed Pubs. selling Meals .. .. .	13	13	13	13
Licensed Clubs .. .. .	14	14	14	14

## Summary of Visits to Food Premises

Bakehouses .. .. .	9
Butchers' Shops .. .. .	97
Café Premises and Restaurants .. .. .	68
Dairies (Retailers) .. .. .	54
Dairymen's Vehicles .. .. .	7
Food Inspections .. .. .	124
Food Poisoning .. .. .	3
Food Sampling (Formal) .. .. .	2
Food Sampling (informal) .. .. .	127
Fried Fish Shops .. .. .	34
Ice Cream Premises .. .. .	68
Licensed Houses .. .. .	25
Milk Sampling .. .. .	47
Other food premises .. .. .	295
Slaughterhouses .. .. .	741
Water Supply .. .. .	5
Total .. .. .	1706

## THE LIQUID EGG (PASTEURISATION) REGULATIONS, 1963

Number of egg pasteurisation plants in the district .. 1

Samples submitted to the Public Health Laboratory:—

No. of Samples	Nature of Samples	Tests Applied	Number Satisfactory	Number Unsatisfactory
24	Pasteurised liquid egg	Alpha-Amylase	24	—
45	Pasteurised liquid egg	Bacteriological	45	—
19	Raw liquid egg	Bacteriological	16	3

No contraventions of the Regulations were noted.

### Gelatin Sampling

Samples of each consignment of gelatin received by a local manufacturing company are taken for bacteriological examination. Five samples were examined at the Public Health Laboratory during the year and were found to be satisfactory.

### Poultry Inspection

Number of poultry processing premises in the district . . . 2

No. of visits to Premises	No. of birds processed during year	Types	% of birds rejected as unfit	Weight condemned
23	218,886	Broilers, capons, hens	0.62	4,750 lbs.



# SAMPLES TAKEN UNDER THE FOOD AND DRUGS ACT 1955

*The following table gives details of the 194 samples taken by your inspectors during the year, and submitted for analysis to the Public Analyst, Mr. E. Fogden, whose co-operation and advice is much appreciated*

Article	No. genuine			No. adulterated or sub-stnd.		
	Formal	Informal	Total	Formal	Informal	Total
Actal Tablets .. ..		1	1			
Almond Marzipan .. ..		2	2			
Amytal Tablets .. ..		1	1			
Antacid Powder .. ..		1	1			
Apple Pie .. ..		1	1			
Appletree Desert .. ..		—	—		1	1
Apricot Dumpling .. ..		1	1			
Baked Beans .. ..		1	1			
Baking Powder .. ..		2	2			
Beef Pie .. ..		1	1			
Beef Sausage .. ..		1	1			
Beef Suet .. ..		2	2			
Beetroot .. ..		1	1			
Black Pudding .. ..		1	1			
Blackcurrant Drink .. ..		1	1		1	1
Blue Food Colour .. ..		1	1			
Brawn .. ..		3	3			
Butasolidin Tablets .. ..		1	1			
Butter .. ..		7	7			
Butterdrops .. ..		2	1			
Carrots .. ..		1	1			
Cheese .. ..		2	2			
Cheese Crisps .. ..		—	—		1	1
Cheese Spread with Pineapple .. ..		1	1			
Chicken Fillets in Jelly .. ..		1	1			
Chicken Paste .. ..		1	1			
Chicken Soup .. ..		1	—			
Chicken Stock Tablets .. ..		1	1			
Chicken Supreme .. ..		1	1			
Chocolate Sponge Pudding .. ..		1	1			
C. L. Syrup .. ..		1	1			
Coffee-Mate .. ..		1	1			
Cooking Oil .. ..		2	2			
Cornish Pastie .. ..		1	1			
Cottage Cheese .. ..		1	1			
Cough Medicine .. ..		2	1			
Crab .. ..		1	1			
Cream .. ..		2	2			
Cream Desert .. ..		1	1			
Crystopen Tablets .. ..		1	1			

Article	No. genuine			No. adulterated or sub-std.		
	Formal	Informal	Total	Formal	Informal	Total
Curry Powder .. ..		1	1			
Date and Walnut Cake ..		2	2			
Dexadrine Tablets ..		1	1			
Double Cream .. ..		2	2			
Dried Milk .. ..		2	2			
Dried Potato .. ..		1	1			
Drinking Chocolate ..		1	1			
Durophet Capsules ..		1	1			
Epsom Salts .. ..		1	1			
Faggots .. ..		2	2			
Fruit Malt Loaf .. ..		1	1			
Fruit Pancakes .. ..		1	1			
Garden Peas .. ..		1	1			
Gripe Water .. ..		2	2			
Haslet .. ..		2	2			
Honey .. ..		1	1			
Horseradish Relish ..		1	1			
Hot Toast Savoury ..		1	1			
Indigestion Tablets ..		1	1			
Instant Coffee .. ..		1	1			
Jam .. ..		3	3			
Jelly .. ..		1	1			
Jiffi Jelly .. ..		1	1			
Lamb Dinner .. ..		1	1			
Lamb Tongues .. ..		1	1			
Lard .. ..		1	1			
Lemon Pie Filling ..		1	1			
Limmits Slimming						
Biscuits .. ..		1	1			
Liver Sausage .. ..		1	1			
Malted Fruit Cake ..		1	1			
Malted Oatmeal .. ..		1	1			
Malt Vinegar .. ..		4	4			
Margarine .. ..		3	3			
Meatballs .. ..		2	2			
Milk Chocolate Cake						
Covering .. ..		1	1			
Minced Beef with Onion		1	1			
Minced Beef Steak ..		1	1			
Mint Sauce .. ..		2	2			
Mousse .. ..		2	2			
Nembutol Capsules ..		1	1			
Olive Oil .. ..		2	2			
Orange Juice .. ..		1	1			
Pate of Smoked Kipper		1	1			
Paynocil Tablets ..		1	1			
Peach Halves .. ..		1	1			

Article	No. genuine			No. adulterated or sub-stnd.		
	Formal	Informal	Total	Formal	Informal	Total
Pickled Beetroot ..		1	1			
Pickled Cabbage ..		1	1			
Pitted Dates ..		1	1			
Plums in Syrup ..		1	1			
Polony ..		1	1			
Popcorn ..		1	1			
Pork Dripping ..		1	1		1	1
Pork Luncheon Meat ..		4	4			
Pork Pie ..		2	2			
Pork Sausage ..		8	8			
Potatoes ..		1	1			
Prawn Cocktail Sauce ..		—	—		1	1
Prodexin Tablets ..		1	1			
Prunes ..		1	1			
Rice Pudding ..		1	1			
Rissoles ..		1	1			
Rose Hip Syrup ..		1	1			
Sago ..		1	1			
Salad Cream ..		1	1			
Sandwich Spread ..		2	2			
Sardine & Tomato Spread ..		1	1			
Sauce ..		1				
Sausage ..		2	2			
Sausage Rolls ..		2	2			
Self Raising Flour ..		1	1			
Semolina ..		1	1			
Shandy ..		1	1			
Sodium Amytal Capsules		1	1			
Sponge Mix ..		3	3			
Steak & Kidney Pie ..		1	1			
Steak & Onion Pie ..		1	1			
Stewed Apples ..		2	2			
Stewed Steak ..		1	1			
Stout ..		1	1			
Strawberries ..		1	1			
Strong Ale ..		2	2			
Sucron ..		1	1			
Sulphamezathin Suspension ..		1	1			
Tartare Sauce ..		1	1			
Toasty Grill ..		1	1			
Tomato Juice ..		1	1			
Tomato Ketchup ..		2	2			
Tongue and Turkey Roll		1	1			
Twiglets ..		1	1			
Urolucosil Tablets ..		2	2			

Article	No. genuine			No. adulterated or sub-stnd.		
	Formal	Informal	Total	Formal	Informal	Total
Vanilla Flavouring ..		1	1			
Vanilla Swiss Roll ..		1	1			
Veganin Tablets ..		1	1			
Vegetable and Lamb Stew .. ..		1	1			
Vegetable Oil ..		1	1			
Vegetable Oil Shortening		1	1			
Yoghurt .. ..		3	3			
TOTALS ..		189	189		5	5

**PARTICULARS OF, AND ACTION TAKEN, IN RESPECT OF ADULTERATED OR SUB-STANDARD  
OR WRONGLY LABELLED SAMPLES SUBMITTED TO ANALYST**

Serial No.	Article	Analyst's Comment	Action Taken
9	Blackcurrant Drink	Contained the unpermitted artificial sweetener, Cyclamic Acid.	Old stock manufactured before new regulations prohibiting cyclamic acid—removed from sale.
70	Apple Dessert	The list of ingredients failed to include Sulphur Dioxide.	Letter to manufacturer—label amended.
122	Prawn Cock- tail Sauce	Misleading designation of product. A more accurate designation would be "Sauce for Prawn Cocktails".	Letter to manufacturer—label amended.
132	Pork Dripping	Label failed to give address of Company	Letter to manufacturer—label amended.
192	Cheese Flavoured Crisps	The list of ingredients failed to include synthetic colour—Tartrazine.	Letter to manufacturer—label amended.

TABLE OF COMPLAINTS RECEIVED REGARDING ARTICLES OF VARIOUS FOODSTUFFS, ETC.  
AND ACTION TAKEN

<i>Article Complained of</i>	<i>Nature of Complaint</i>	<i>Remarks</i>
Sausage	Contained foreign body	Warning letter to manufacturer
Loaf of bread	Contained foreign body	Warning letter to manufacturer
Chocolate	Contained foreign body	Warning letter to manufacturer
Swiss Roll	Lack of cream	Submitted to Gerber Test and found statutorily satisfactory
Bottle of milk	Contained foreign body	Warning letter to manufacturer
Sausage meat	Mouldy	Warning letter to manufacturer
Bread baps	Mouldy	Warning letter to retailer
Sausage Rolls		



### Milk and Dairies (General) Regulations, 1959

No. of retail distributors with dairy premises in the district who are registered with this Local Authority .. ..	4
No. of retail distributors with shop premises in the district who are registered with this Local Authority .. ..	90
No. of dairy premises in the district which are registered with this Local Authority .. .. .	4

### Milk (Special Designation) Regulations, 1963/1965

No. of Dealers licensed to sell Untreated Milk .. ..	1
Number of Dealers licensed to sell Pasteurised Milk ..	86
Number of Dealers licensed to sell Sterilised Milk ..	70
No. of Dealers licensed to sell Ultra Heat Treated Milk ..	18

### Sampling of Specially Designated Milks

During the year 101 samples of milk were examined under the Milk (Special Designation) Regulations, 1963 at the Public Health Laboratory. The samples were as follows :—

Pasteurised Milk .. .. .	67
Sterilised Milk .. .. .	34

All the samples satisfied the Statutory Tests.

### Ice Cream

At the end of 1970 there were 189 premises registered in the district for the sale and/or manufacture of Ice Cream. They can be classified as follows:—

No. registered to manufacture ice cream by heat treatment .. .. .	1
No. registered to manufacture ice cream by the cold mix process .. .. .	1
No. registered for sale only of ice cream .. ..	187

68 inspections of ice cream premises were made during the year and 56 samples of ice cream were taken. These samples were submitted to the Methylene Blue test at the Public Health Laboratory and all were classified as Grade 1. These results can be regarded as very satisfactory.

## MEAT INSPECTION

PARTICULARS OF ANIMALS SLAUGHTERED AND  
CARCASES INSPECTED, etc.

Period 1st January—31st December, 1970.

	Cattle exclu- ding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed . . . .	95	—	—	326	38186
Number inspected . . . .	95	—	—	326	38186
<b>All diseases except tuber- culosis and cysticerci</b>					
Whole carcases condemned	—	—	—	—	47
Carcases of which some part or organ was condemned . .	19	—	—	2	1896
Percentage of the number in- spected affected with dis- ease other than tuberculosis and cysticerci . . . .	20.00	—	—	0.61	4.96
<b>Tuberculosis only</b>					
Whole carcases condemned . .	—	—	—	—	—
Carcases of which some part or organ was condemned . .	—	—	—	—	109
Percentage of the number in- spected affected with tuberculosis . . . .	—	—	—	—	0.28
<b>Cysticerci</b>					
Carcases of which some part or organ was condemned . .	1	—	—	—	—
Carcases submitted to treat- ment by refrigeration . .	—	—	—	—	—
Generalised and totally con- demned . . . .	—	—	—	—	—

## WEIGHTS OF MEAT CONDEMNED

## Whole Carcases

No.	Disease	Weight			Weight		
		T.	C.	Qr. lbs.	T.	C.	Qr. lbs.
17 Pigs—Died in transit or lairage		1	7	1	23		
19 Pigs—Abscesses .. ..		1	0	1	8		
1 Pig —Gangrene .. ..			1	2	22		
2 Pigs—Pleurisy .. ..			2	1	8		
5 Pigs—Emmaciation .. ..			5	2	24		
1 Pig —Septic Metritis .. ..			3	2	18		
4 Pigs—Septic Pneumonia .. ..			5	1	19		
1 Pig —Septic Peritonitis .. ..			1	0	8		
1 Pig —Oedema .. ..			2	0	13		
1 Pig —Jaundice .. ..			1	3	5		
2 Pigs—Unsatisfactory Bleeding			1	3	15		
1 Pig —Septic Enteritis .. ..				3	16		
1 Pig —Septicaemia .. ..			1	3	4		
					3	15	0 15

## Parts of Carcases

Beef —Abscess .. ..				24			
Beef —Cysticercus Bovis .. ..				4			
Pork —Arthritis .. ..		1	0	24			
Pork —Injury .. ..		2	3	17			
Pork —Abscesses .. ..		12	2	11			
Pork —Pleurisy .. ..			3	11			
Pork —Pneumonia .. ..				9			
Pork —Peritonitis .. ..		1	2	18			
1 Beasts Head—Actinobacillosis				20			
100 Pigs Heads—Abscesses .. ..		9	0	10			
110 Pigs Heads—Tuberculosis		9	3	4			
Edible Offal—Other Diseases .. ..	2	19	0	15			
					4	17	2 27
GRAND TOTAL ..					8	12	3 14

All this diseased meat was placed in sealed containers and disposed of to an approved manufacturer of animal feeding stuffs and fertilisers.

## OTHER CONDEMNED FOOD

						T.	C.	Qr.	lbs.
Meat at retail shops	..	..	..	..	..	8	1	21	
Cooked meat and meat products	..	..	..				1	2	
Canned meats	..	..	..	..	..	3	1	13	
Other canned foods	..	..	..	..	..	7	3	20	
Other foods	..	..	..	..	..	14	18	3	9
TOTAL .. ..						15	18	3	9

This unsound food was voluntarily surrendered and disposed of at the Council's Destructor.

The confidence and support of the Chairman and members of the Health Committee, which have again been freely given during the year are once again acknowledged and much appreciated.

To my Deputy, Mr. Jones, and the whole of the Health Department staff I am most grateful for their continued valuable assistance.

Finally, I would like to express my thanks to Dr. Bebbington and my colleagues in other Departments for their help and co-operation.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

W. R. BROWNHILL,

*Chief Public Health Inspector*



# THE URBAN DISTRICT OF BEESTON AND STAPLEFORD

